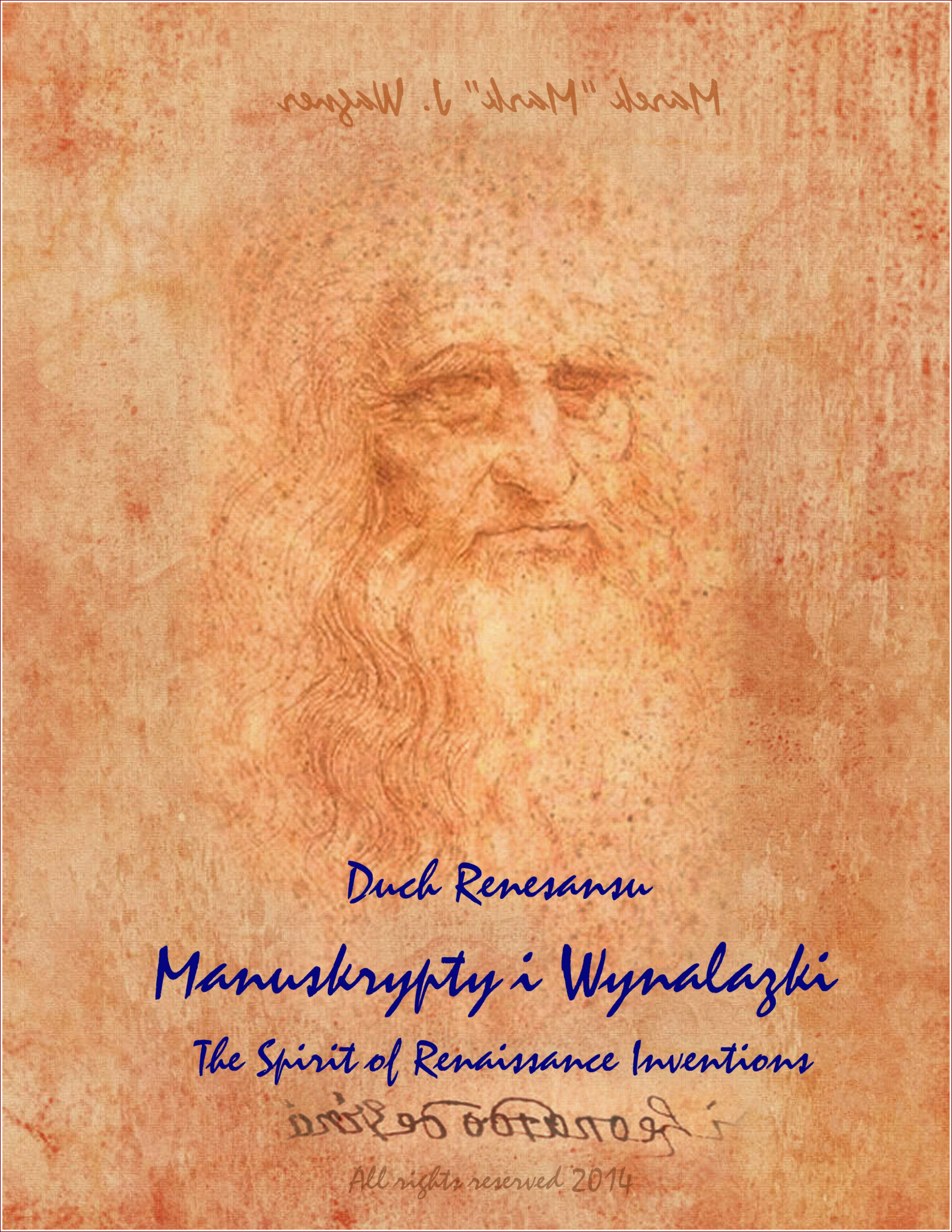
Marek "Mark" J. Wagner



Duch Renesansu

Manuskrypty i Wynalazki

The Spirit of Renaissance Inventions

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Marek „Mark" J. Wagner

Duch Renesansu

Leonardo da Vinci

1452-1519

Szkice i Projekty

The Spirit of the Renaissaince
Drawings and Scientific Projects

Vol 2

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Dedykacja

Ksiazke dedykuje moim dzieciom
Jakubowi, Wiktorii Elizabeth, Jonaszowi.
Zawsze jesteście w moim sercu i w myślach... .

Serdeczne podziękowanie dla Anny Onopiak
za pomoc w okresie prześladowan.

Prawa autorskie moich ksiazek i prac naleza
do mnie o moich dzieci.

The book is dedicated to my children
Jacob, Victoria Elizabeth, Jonah,
You are always in my heart.

I would like to expres mt gratitude to Anna Onopiak
during difficult times.

All rights to my books and works belong to me as well as
my children, Jacob, Victoria Elizabeth, Jonah Wagner.

Marek „Mark” J. Wagner

Słowo Wstępne (Preface)

W labiryncie notatek, które pozostawił po sobie Leonardo da Vinci, można odkryć świat niezwykłego człowieka, człowieka, który definiuje nie tylko samego siebie, ale czasy, w których przyszło mu żyć i tworzyć. Leonardo redefiniuje ludzki potencjal dla wspolczesnych i potonych,

Notatki Leonarda da Vinci, to niezwykła lektura, z samej natury trudna i zobowiązująca. Ten niezwykły człowiek, zastosował nowy i wyjątkowy, nawet na dzisiejsze czasy, rodzaj pisma. Leonardo pisał lewa ręką, od prawej strony. Pismo to można odczytać dopiero, gdy przyłożymy zwierciadło. Ktoś być może zada pytanie: po co Leonardo tak pisał ? Odpowiedz jest prosta, Leonardo był śledzony, szpiegowany, zazdrośnie podpatrywany. Od samego początku próbowano wykradać jego sekrety i pomysły. Ażeby jeszcze bardziej utrudnić szpiegom zadanie, łączył lub dzielił wyrazy.

Notatki Leonarda cechuje nie tylko wyjątkowo analityczno-obserwacyjny charakter, bardzo uporządkowany, logiczny, ale w jego notatnikach daje się zauważyć pospiech, jakby się obawiał, ze natchnienie pięknej wizji, obserwacji, może się gdzieś nagle ulotnić.

Notatki Leonarda, to jego warsztat pracy i mapa myśli, mapa po której możemy łatwo dotrzeć do jego umysłu, stanu emocjonalnego, pragnień, uczuć, miłości czy poczucia krzywdy. Notatki Leonarda to zapis życia wewnętrznego człowieka, człowieka, który został obdarzony wspaniałym darem, który zagospodarował, jak wspaniała winnice. Winnica ta to notatki, szkice, obrazy, wizje, myśli.

Dlaczego kochamy Leonarda? Z pewnoscia za to, ze był sobą, ze zmagał się do końca zycia z niewiadoma, odkrywając osnute tajemnica sekrety natury i stworzenia, sekrety człowieka. Sam Bóg dal mu przywilej poznania i odkrywania prawd.

Jego świat to sztuka, nauka, obserwacja, eksperymenty, ale nade wszystko uwielbienie świata, od najmniejszego detalu, aż po wspaniale wizje. Świat ten przemówi do Ciebie, drogi czytelniku, świat umysłu, wiary, świat wielu talentów, świat, którego nie zdołano w pełni zglebić do dnia dzisiejszego.

Żeby wejść w ten świat, najpierw trzeba ten świat rozszyfrować, począwszy od pisma, notatek, szkiców, rysunków, obrazów, bogactwa symboli, a nade wszytko, jest to bogactwo i płodność ludzkiego intelektu, natchnionego serca.

Jaki jest ten świat, być może ktoś zapyta. Na jednej stronie znajdziesz, drogi czytelniku, pryncypia astronomiczne, zagadnienie ruchu ziemi, kilka centymetrow dalej, są zagadnienia dźwięku, zaraz obok, Leonardo zajmuje się teoria kolorów, ażeby z niespotykana dokładnością, naszkicować detale anatomiczne człowieka. Na tej samej stronie Leonardo podejmuje temat relacji między poezja a malarstwem. W labiryncie siedmiu tysięcy stron, zapisany jest świat Leonarda da Vinci.

Leonardo rozpoczął regularne notatki w 37 rok jego życia. Notatnik towarzyszył mu wszędzie, przez cale życie. Zatem, co się działo przed tym okresem ? Czy możemy zaakceptować tezę, ze Leonardo nie pisał notatek do 37 roku życia? Być może były te notatki zbyt odkrywcze, ażeby mogły zobaczyć światło dzienne … .

Wspaniały artysta, Vasari, z lekkim przekąsem powiedział o Leonardzie: “pracował o wiele więcej słowami, aniżeli czynami”. Możemy się tylko uśmiechnąć, gdy czytamy te słowa. Wyobraźmy sobie, ze wszytko o czym pisze, opisuje, jego wizje i projekty mogłyby być zrealizowane za jego życia... .

Do dnia dzisiejszego probujemy zglebic, odszyfrować świat Leonarda, swiat dzieł sztuki, analizy, obserwacji, unikalnej estetyki geniuszu Renesansu.

Aleksander von Humboldt w ten sposób wyraził się o Leonardzie:

„Leonardo, talent równy majestatowi natury”

"Majestati naturae par ingenium”

Leonardo da Vinci: malarz, rzeźbiarz, architekt, muzyk, naukowiec, matematyk, inżynier, wynalazca, anatom, geolog, kartograf, botanik, pisarz, czlowiek o wielkim sercu i wrazliwosci.

Leonardo jest najbardziej różnorodnie utalentowanym człowiekiem, jaki kiedykolwiek żył.

Leonardo, Italian painter, sculptor, architect, musician, scientist, mathematician, engineer, inventor, anatomist, geologist, cartographer, botanist and writer. Leonardo the most diversely talented person ever to have lived.

KSIEGI / BOOKS

KSIEGA I
OGOLNE WPROWADZENIE DO KSIEGI O MALARSTWIE
BOOK I. PROLEGOMENA AND GENERAL INTRODUCTION TO THE BOOK ON PAINTING

KSIEGA II
PERSPEKTYWA LINEARNA
BOOK II. LINEAR PERSPECTIVE

KSIEGA III
SZESC KSIAG O SWIETLE I CIENIU
BOOK III. SIX BOOKS ON LIGHT AND SHADE

KSIEGA IV
PERSPEKTYWA
BOOK IV. PERSPECTIVE OF DISAPPEARANCE

KSIEGA V
TEORIA KOLOROW
BOOK V. THEORY OF COLOURS

KSIEGA VI
KOLORY W PERSPEKTYWIE I PERSPEKTYWY PRZESTRZENNE
BOOK VI.PERSPECTIVE OF COLOUR AND AERIAL PERSPECTIVE

KSIEGA VII
O PROPORCJI I MECHNIZMIE RUCHU CZŁOWIEKA
BOOK VII. ON THE PROPORTIONS AND ON THE MOVEMENTS OF THE HUMAN FIGURE

KSIEGA VIII
BOTANIKA DLA ARTYSTÓW ORAZ ELEMENTY PEJZAŻU.
BOOK VIII. BOTANY FOR PAINTERS, AND ELEMENTS OF LANDSCAPE PAINTING

KSIEGA IX
PRAKTYKA W MALARSTWIE
BOOK IX. I. WSKAZOWKI MORALNE DLA STUDENTA MALARSTWA

PRAKTYKA W SZTUCE MALARSKIEJ. MORALNE ZASADY DLA ARTYSTOW.
THE PRACTICE OF PAINTING. I. MORAL PRECEPTS FOR THE STUDENT OF PAINTING.

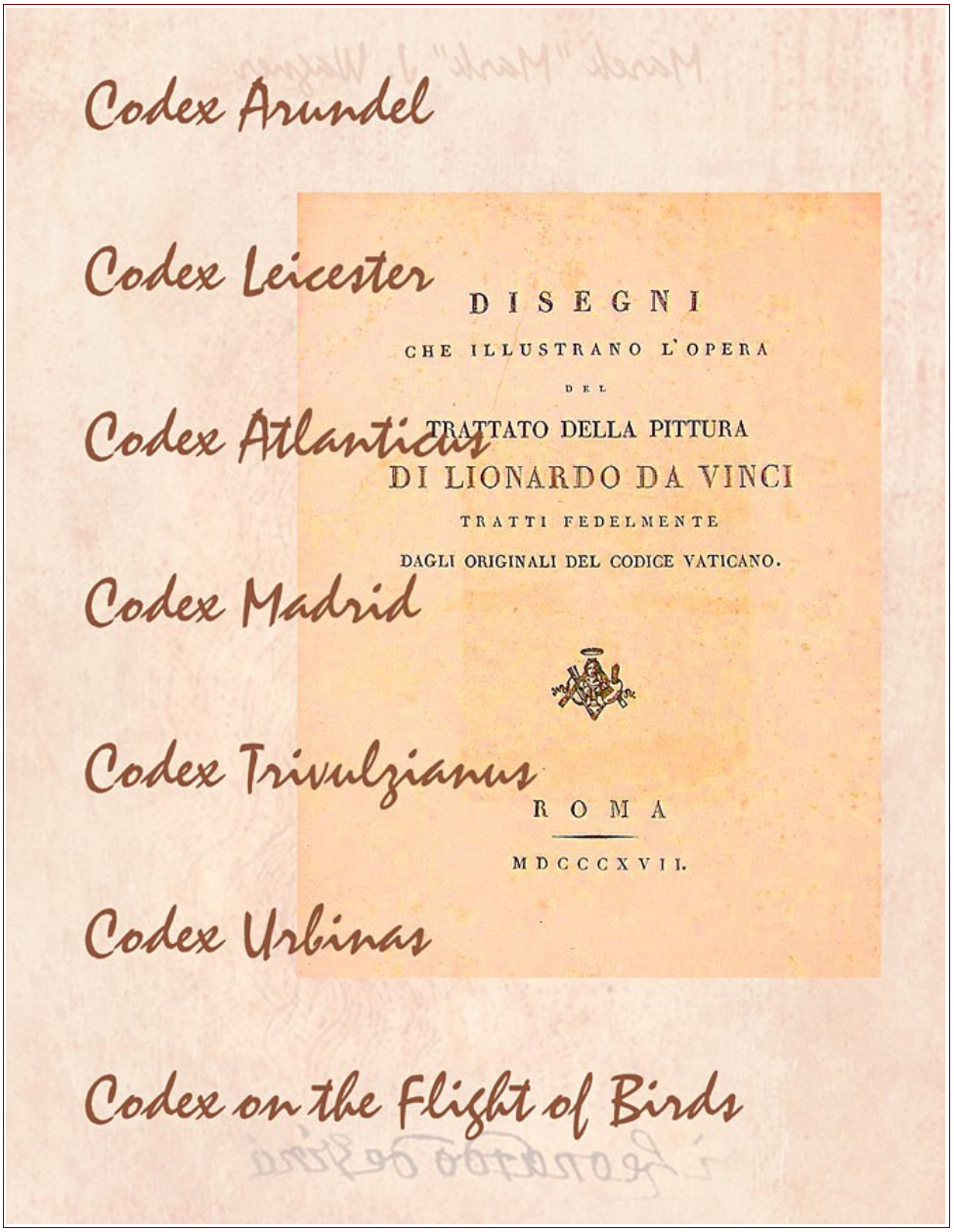
KSIEGA X.
STUDIA I SZKICE do OBRAZOW I DEKORACJI
BOOK X. STUDIES AND SKETCHES FOR PICTURES AND DECORATIONS

(LONDON, April 1883.)

Kodeksy Leonarda da Vinci
The Codex of the Leonardo da Vinci

Obecnie mamy dostep do ok. 7000 stron notatek Leonarda, skatologowanych jest ok. jedenascie znanych Notatników, Kodeksów Leonarda da Vinci, w których pracowicie zapisywal genialne mysli, spostrzezenia, projkety i idee. Trudno się oprzec przeczuciu, ze gdzies tam istnieją zaowalowane tajemnica "zagubione" Manuskrypty Mistrza, Być może pewnego dnia pozostałe prace Leonarda zostaną „odnalezione" i ujrza swiatlo dzienne w zakamarki prywatnych kolekcji lub zbiorow bibliotek.

As of today is eleven Notebooks (Codex) of Leonardo da Vinci. I believe, there is a lot more to discover, perhaps a new inventions, unique observations, than seven publicized Notebooks. Perhaps, some day, remanining works of Leonardo da Vinci, will emerge from private or state's collections ...

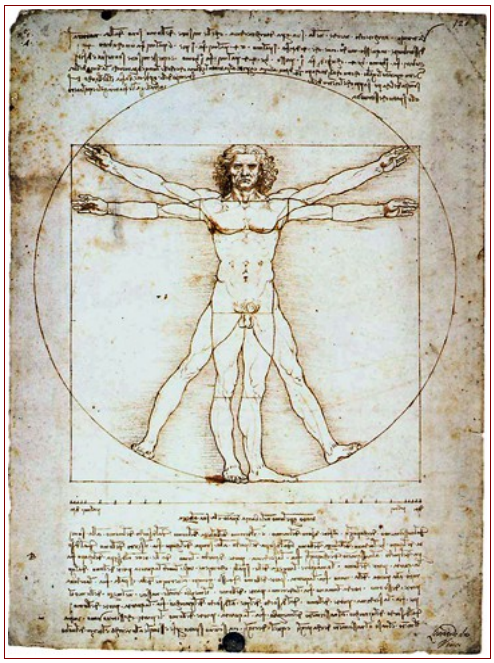


Codex Windsor Codex Forster Paris Manuscripts
Codex Ashburnham Codex Urbinas

Szkice Projekty Wizje Twórcze

Leonardo da Vinci

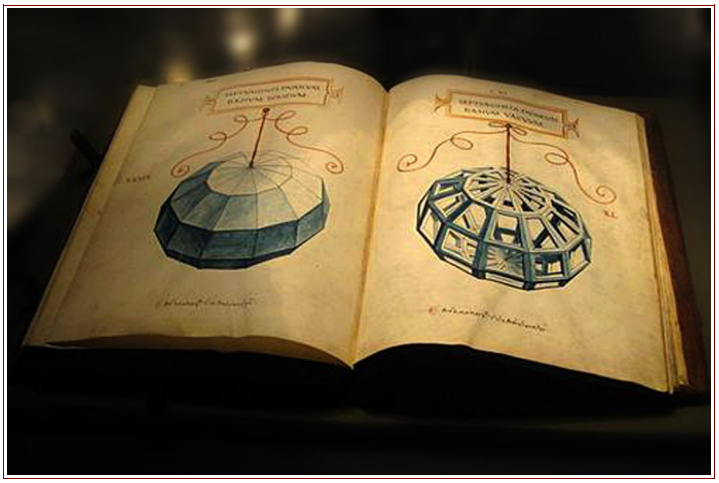
Drawings and Visions of Leonardo da Vinci



Vitruvian Man
Leonardo da Vinci
(1490)

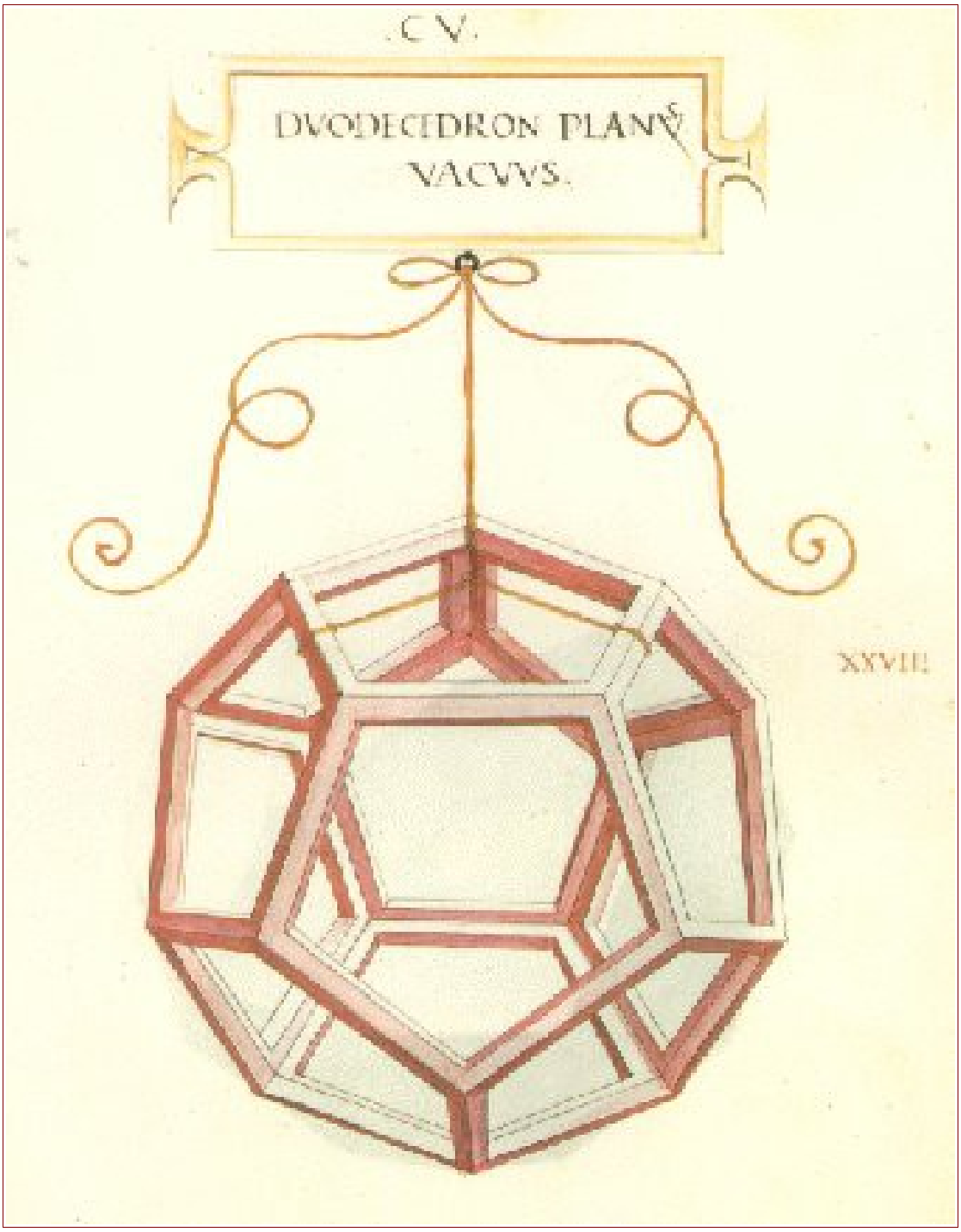
Polyhedra Divine Prpportions
Leonardo da Vinci

Boska Geometria
Geometry

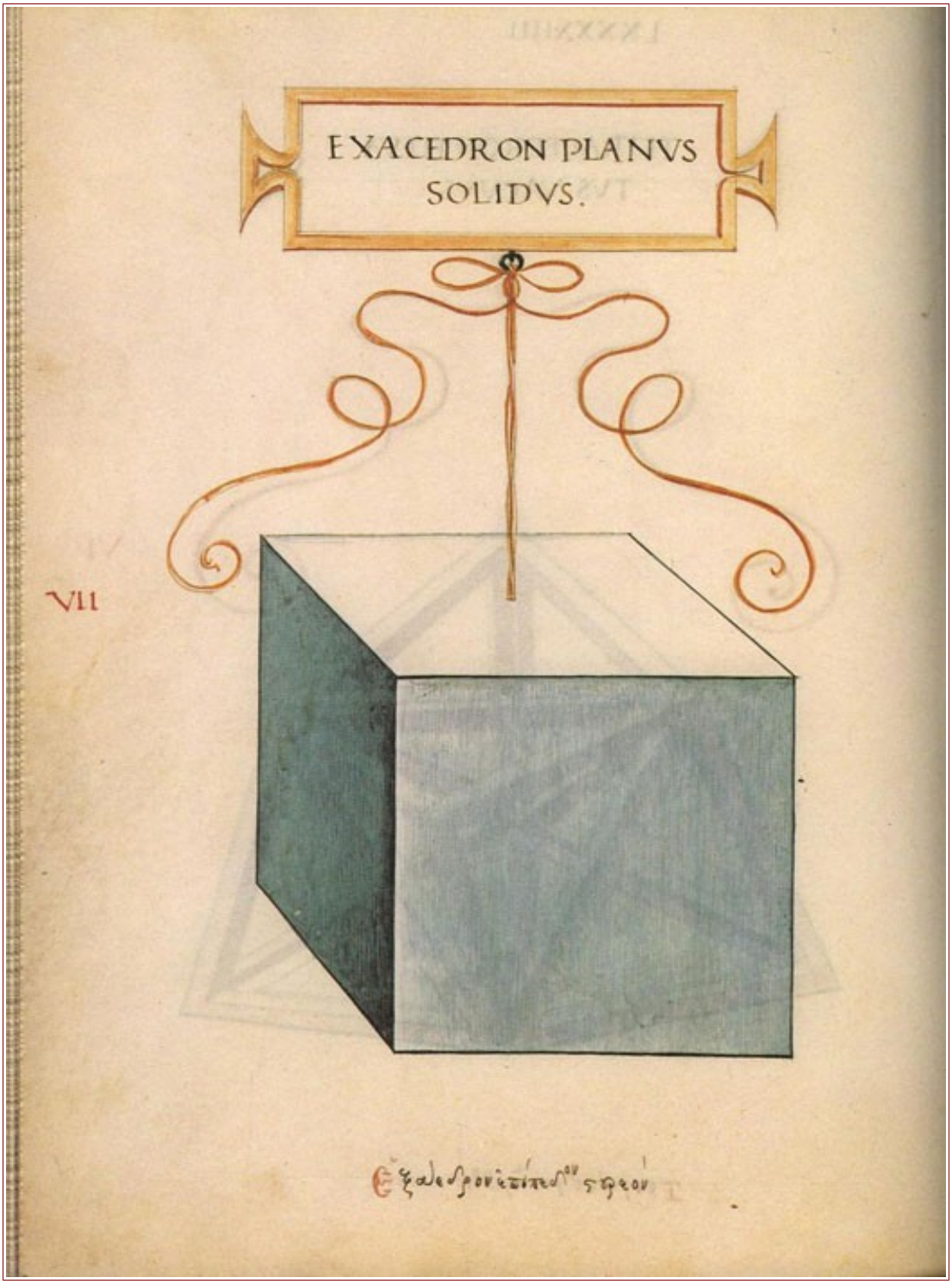


Leonardo przygotował ilustracje (60) do Boskiej Proporcji, napisanej przez Franciszkanina Luca Pacioli (1445-1509) znanego matematyka.

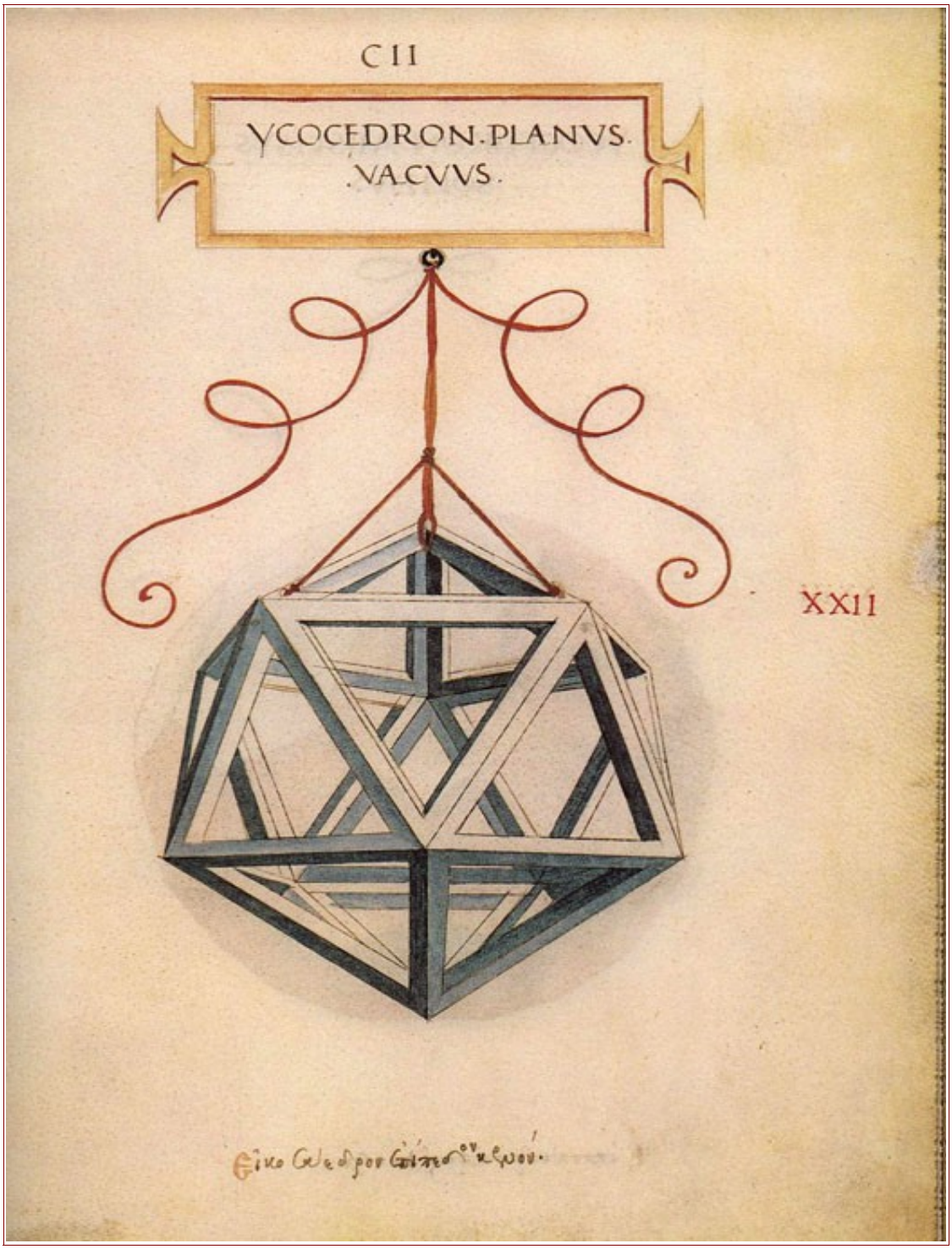
Da Vinci illustrated *Divina Proportione*, supplying sixty plates for the work. The Franciscan friar, Luca Pacioli (1445-1509) is known for his compendium of fifteenth century mathematics, *Summa de arithmetica, geometrica, proportioni et proportionalita* (1494).



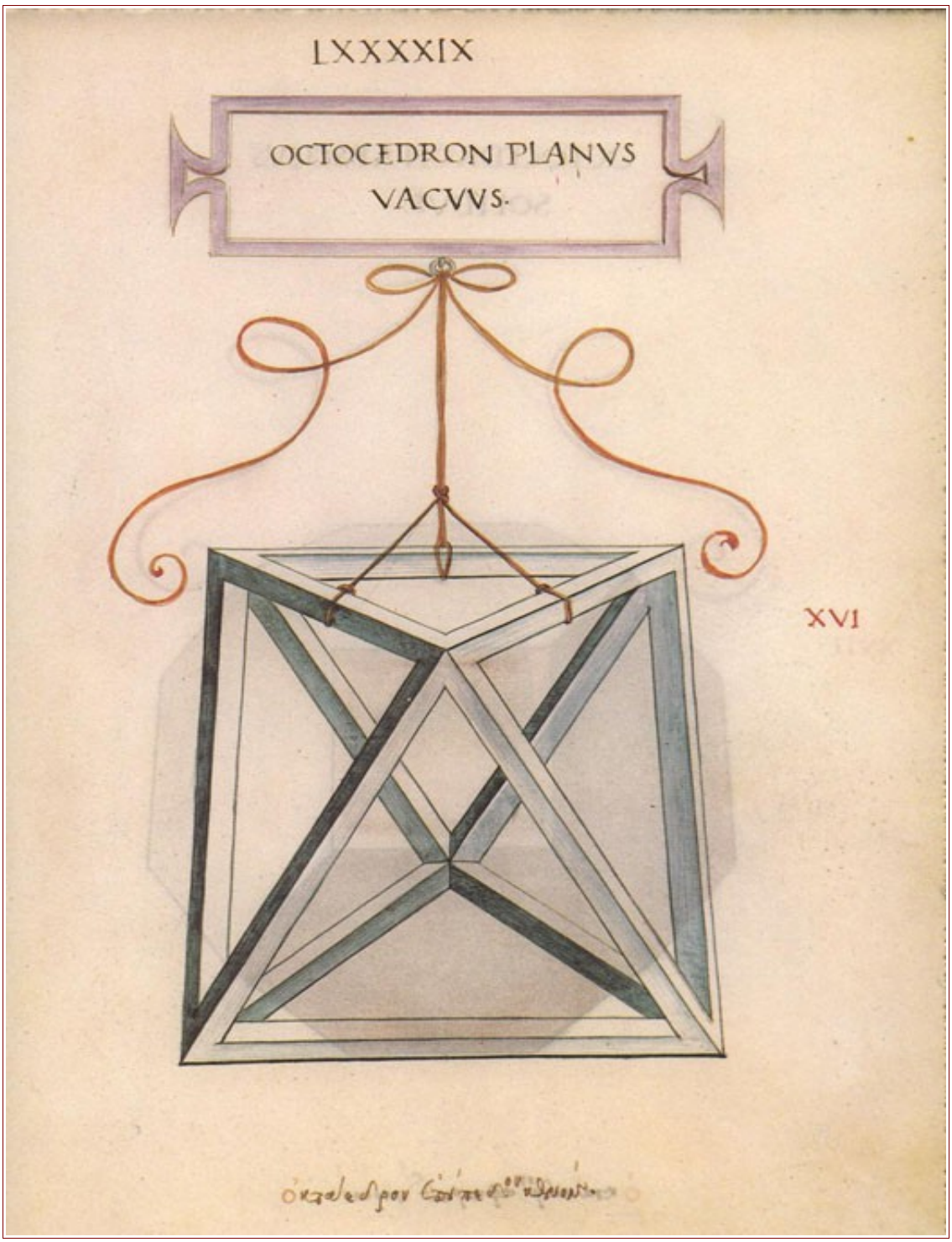
Polyhedra
Leonardo da Vinci



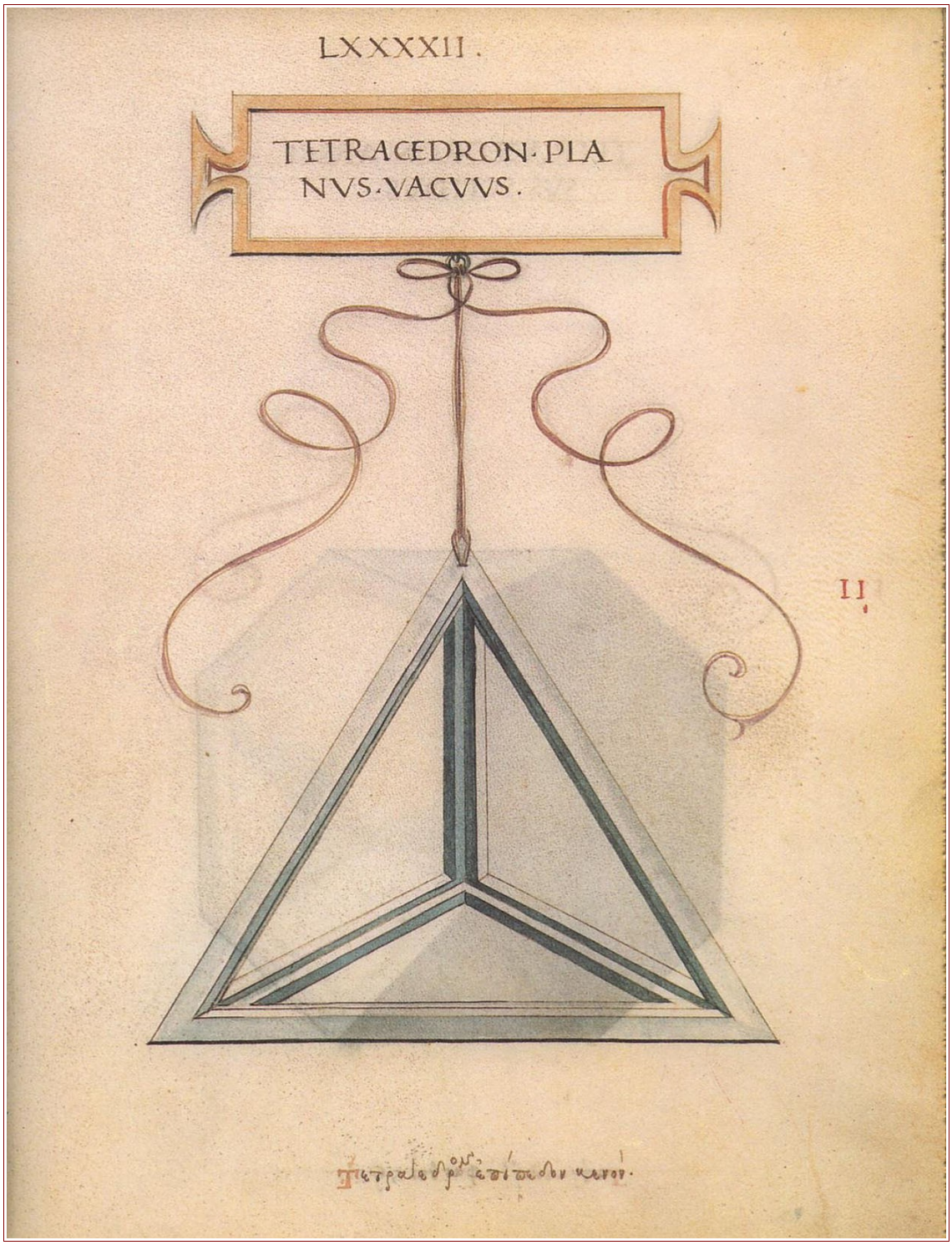
Cube
Leonardo da Vinci



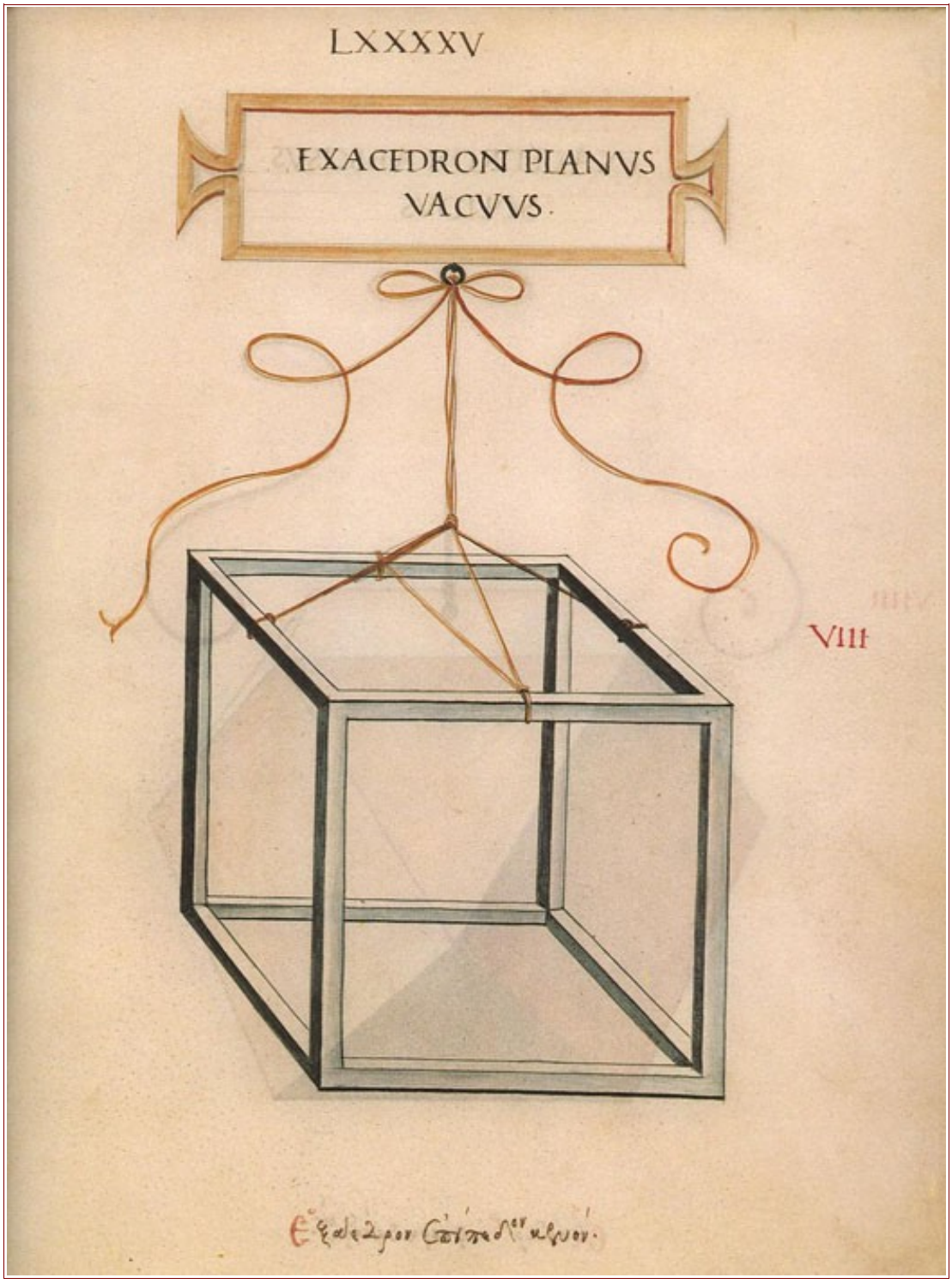
Icosahedron
Leonardo da Vinci



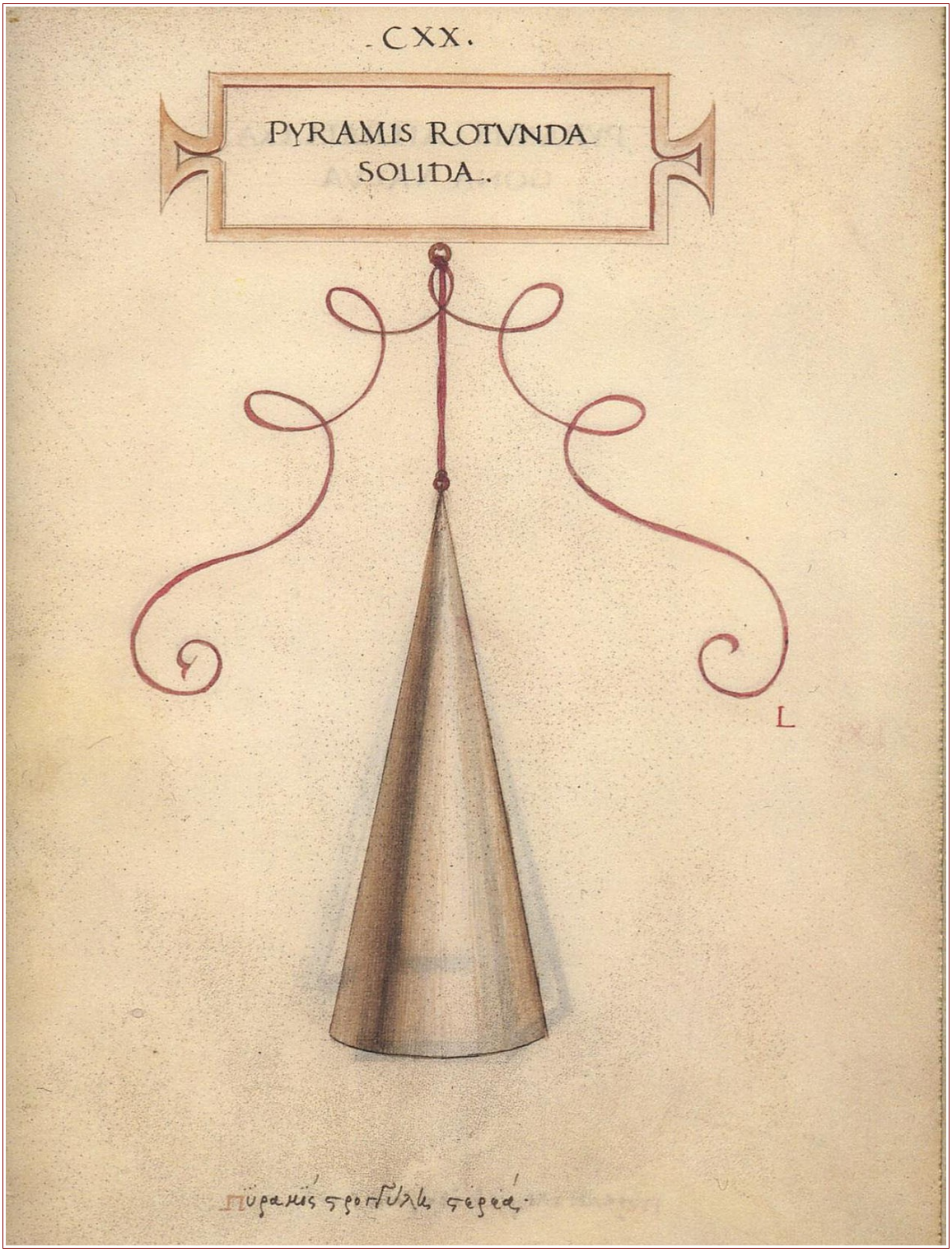
Ostahedron
Leonardo da Vinci



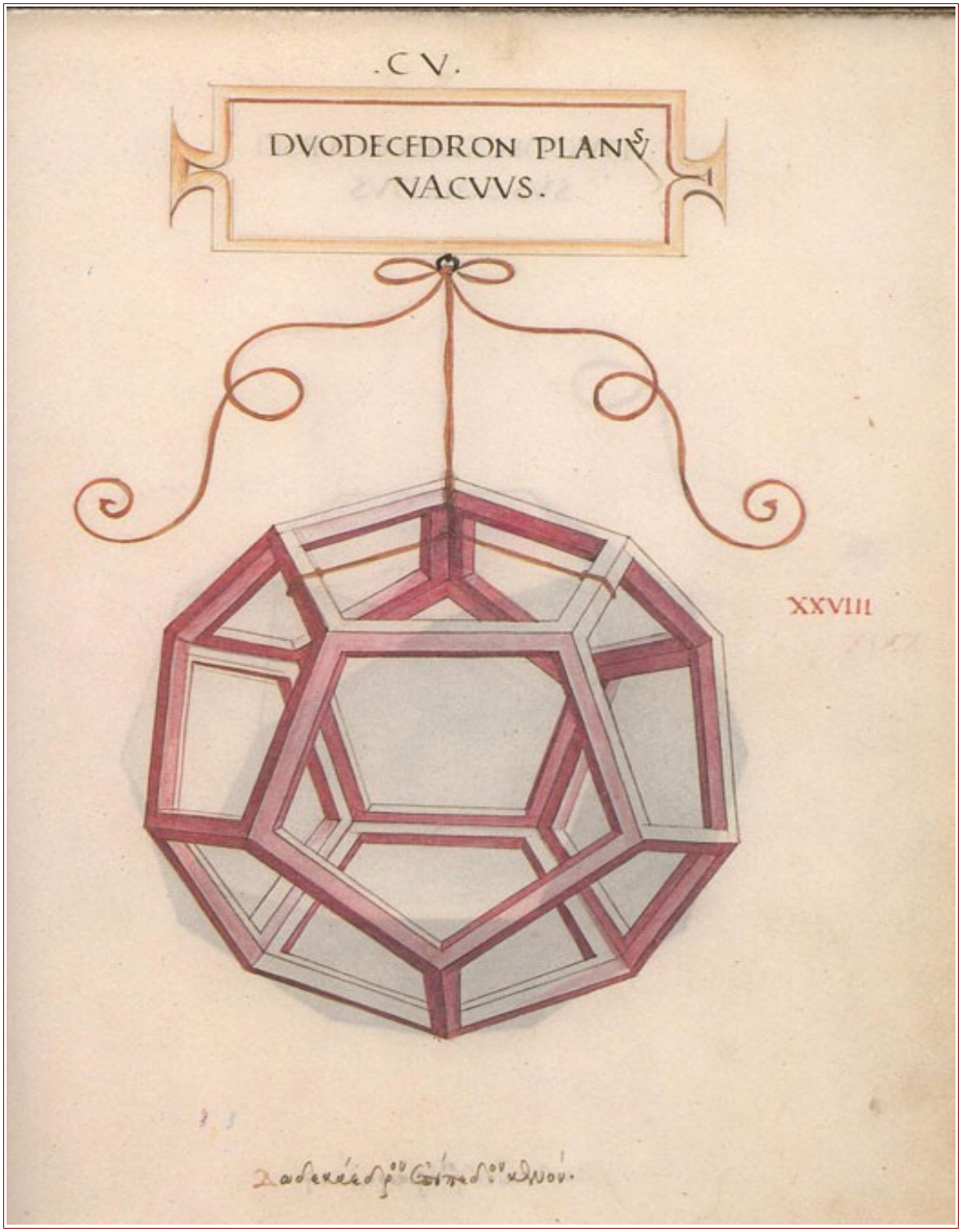
Tetrahedron
Leonardo da Vinci



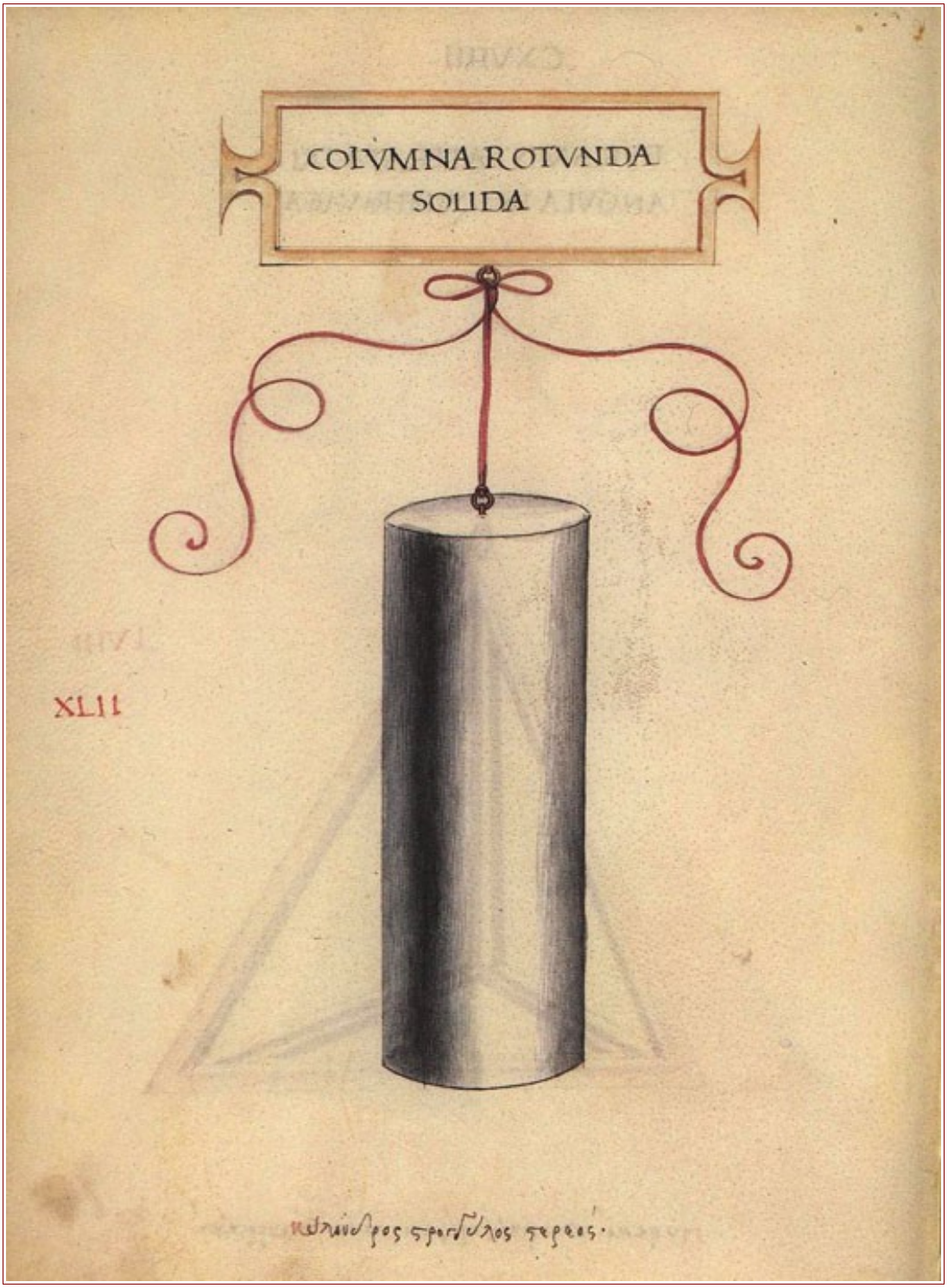
Cube
Leonardo da Vinci



Cone
Leonardo da Vinci

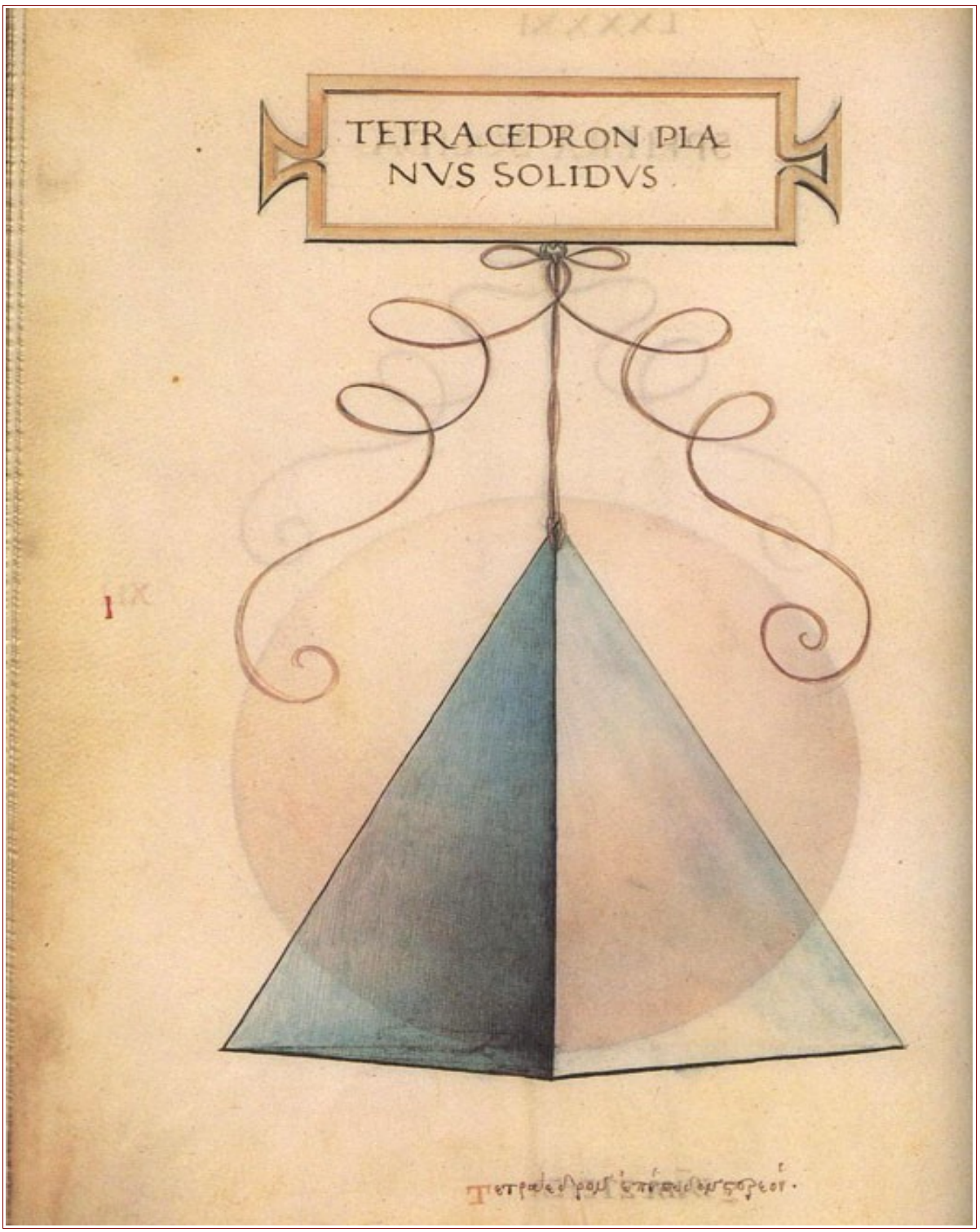


Dodecahedron
Leonardo da Vinci

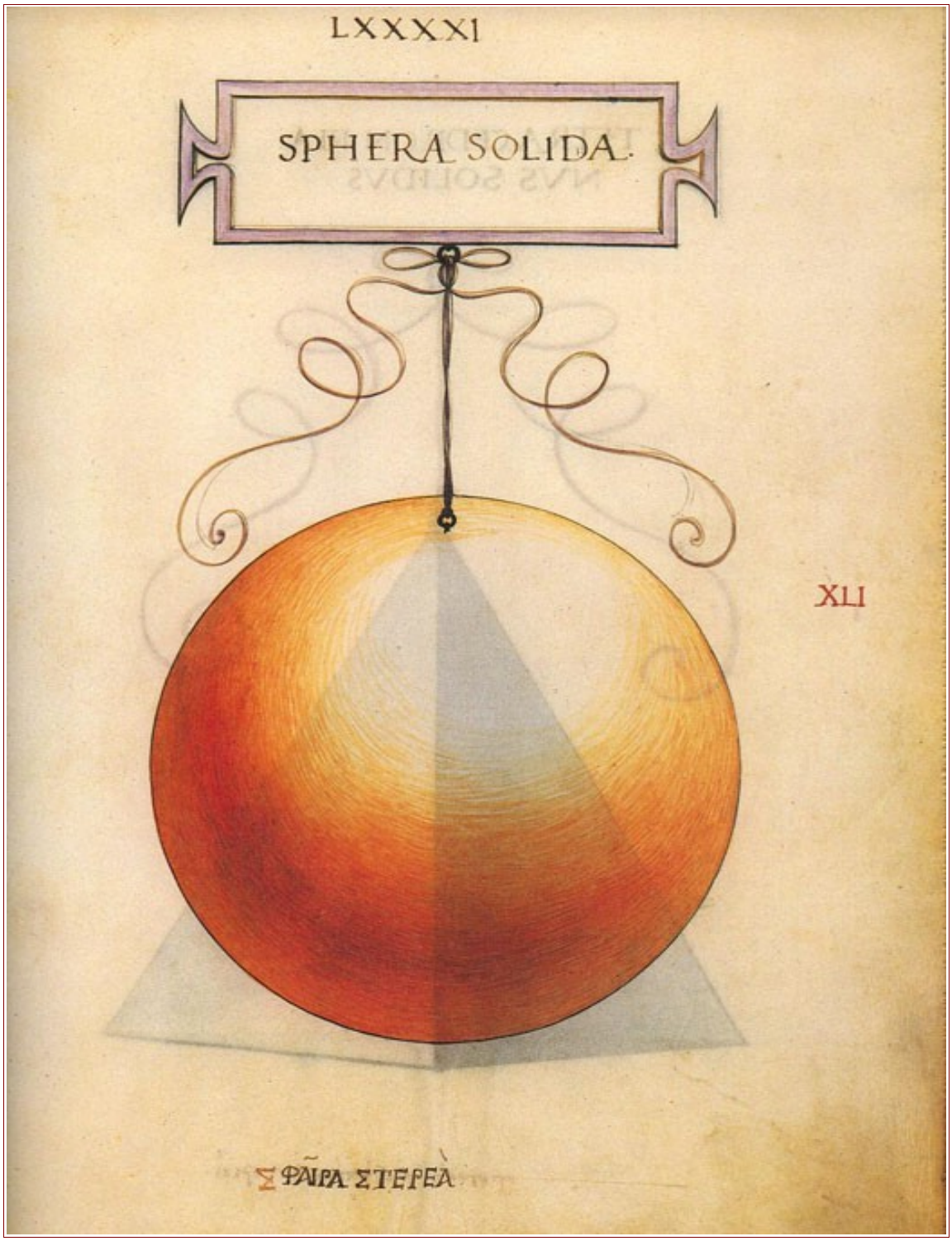


Cylinder and Cone
Leonardo da Vinci

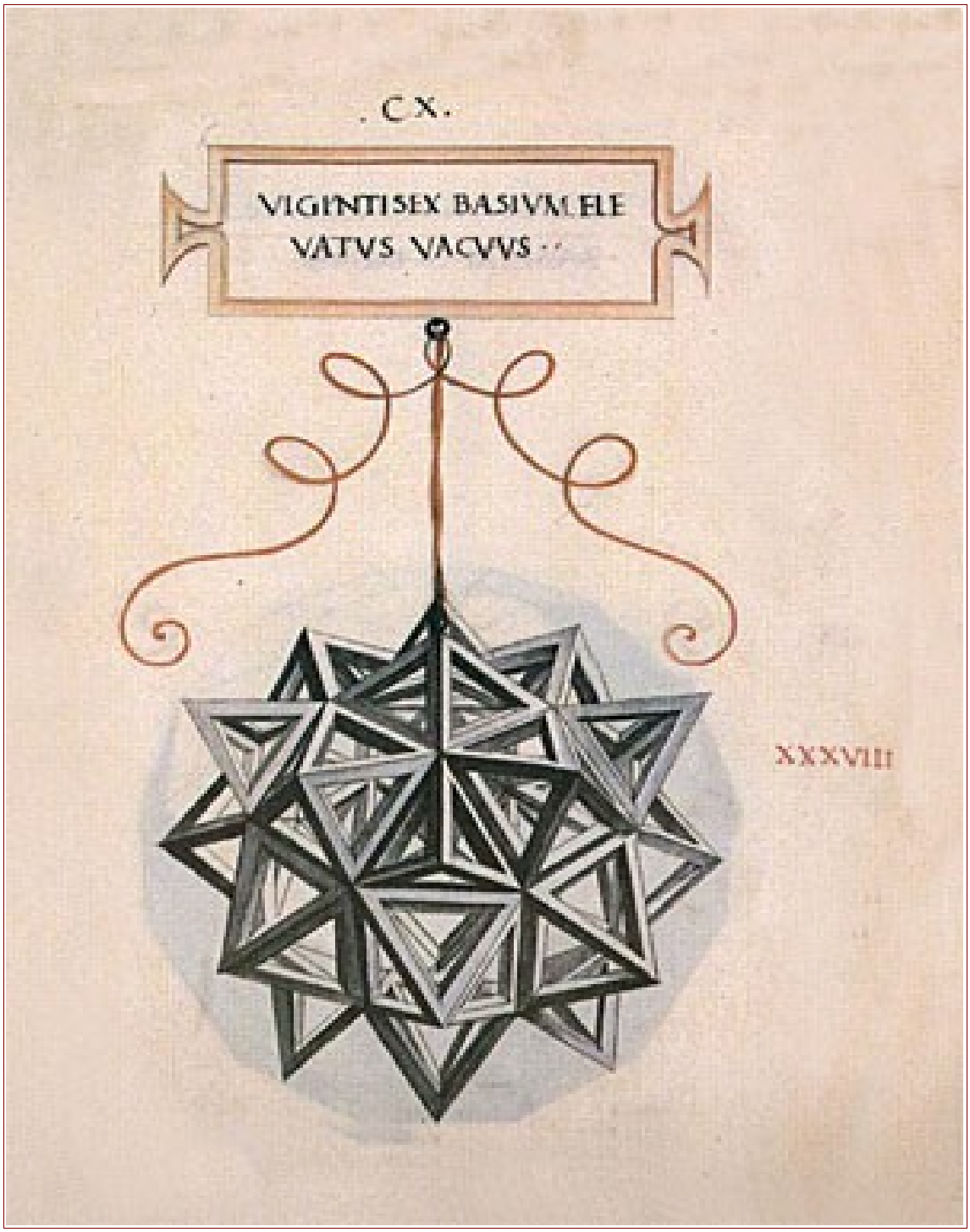
Dodecahedron
Leonardo da Vinci



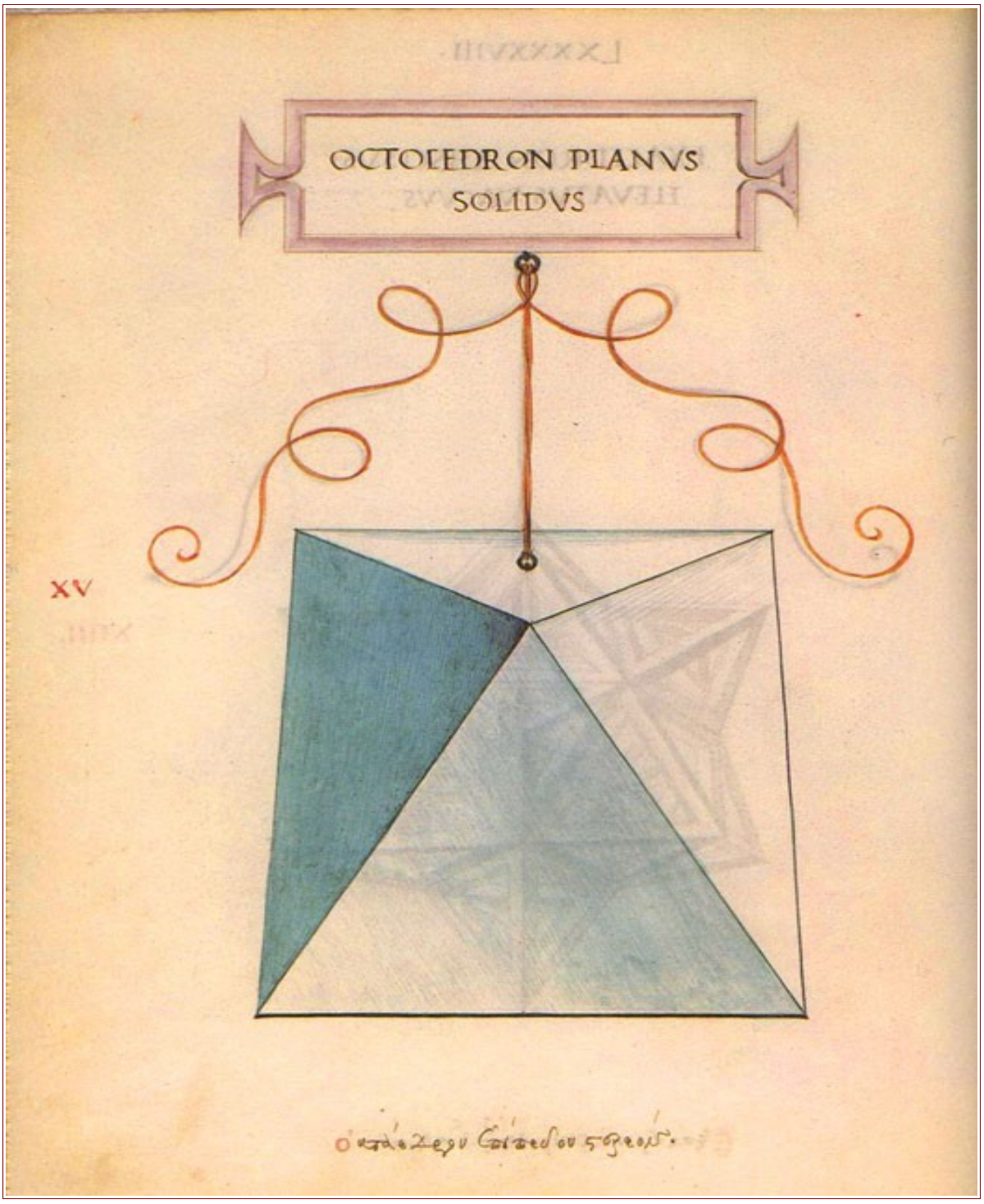
Tetrahedron
Leonardo da Vinci



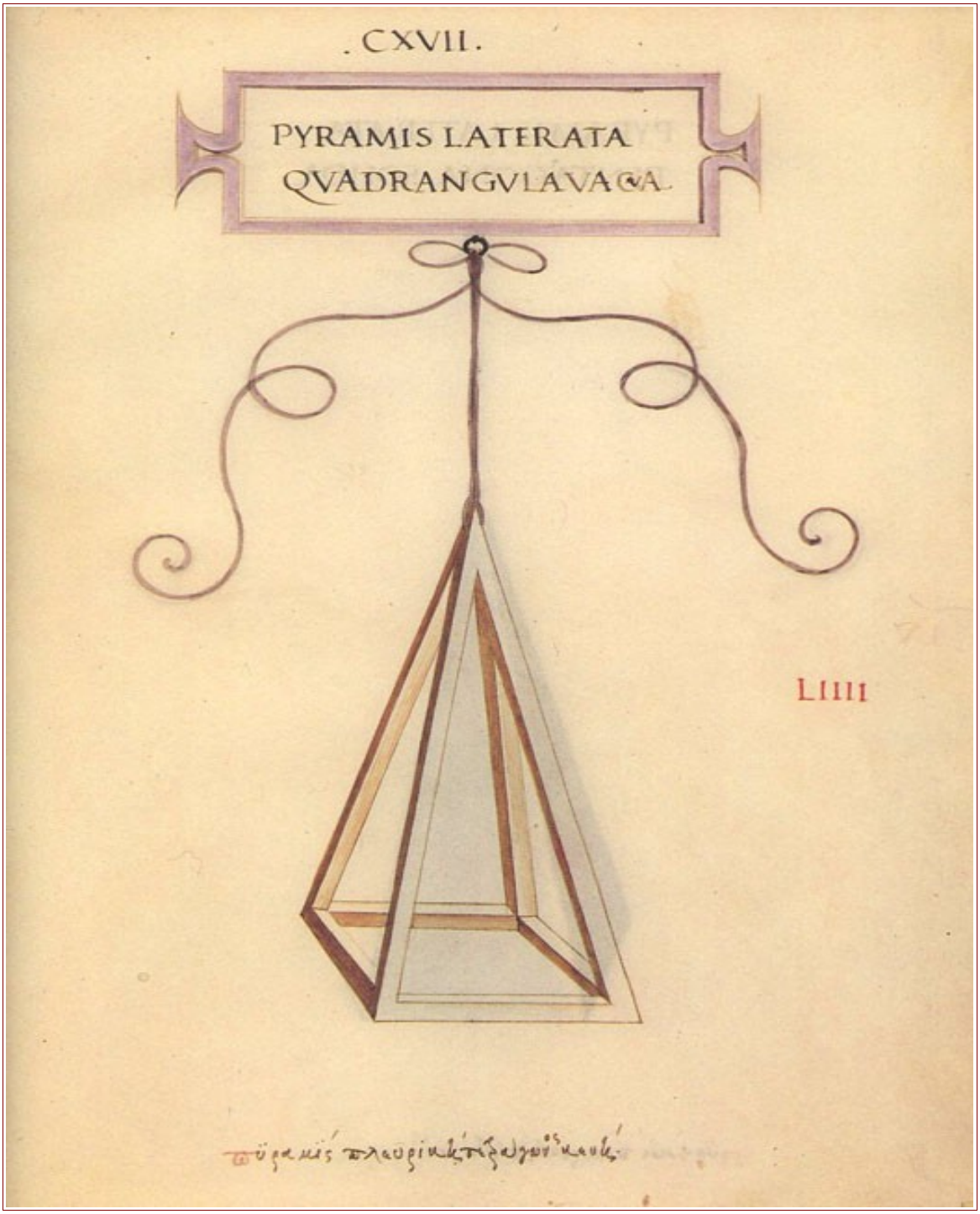
Sphere
Leonardo da Vinci



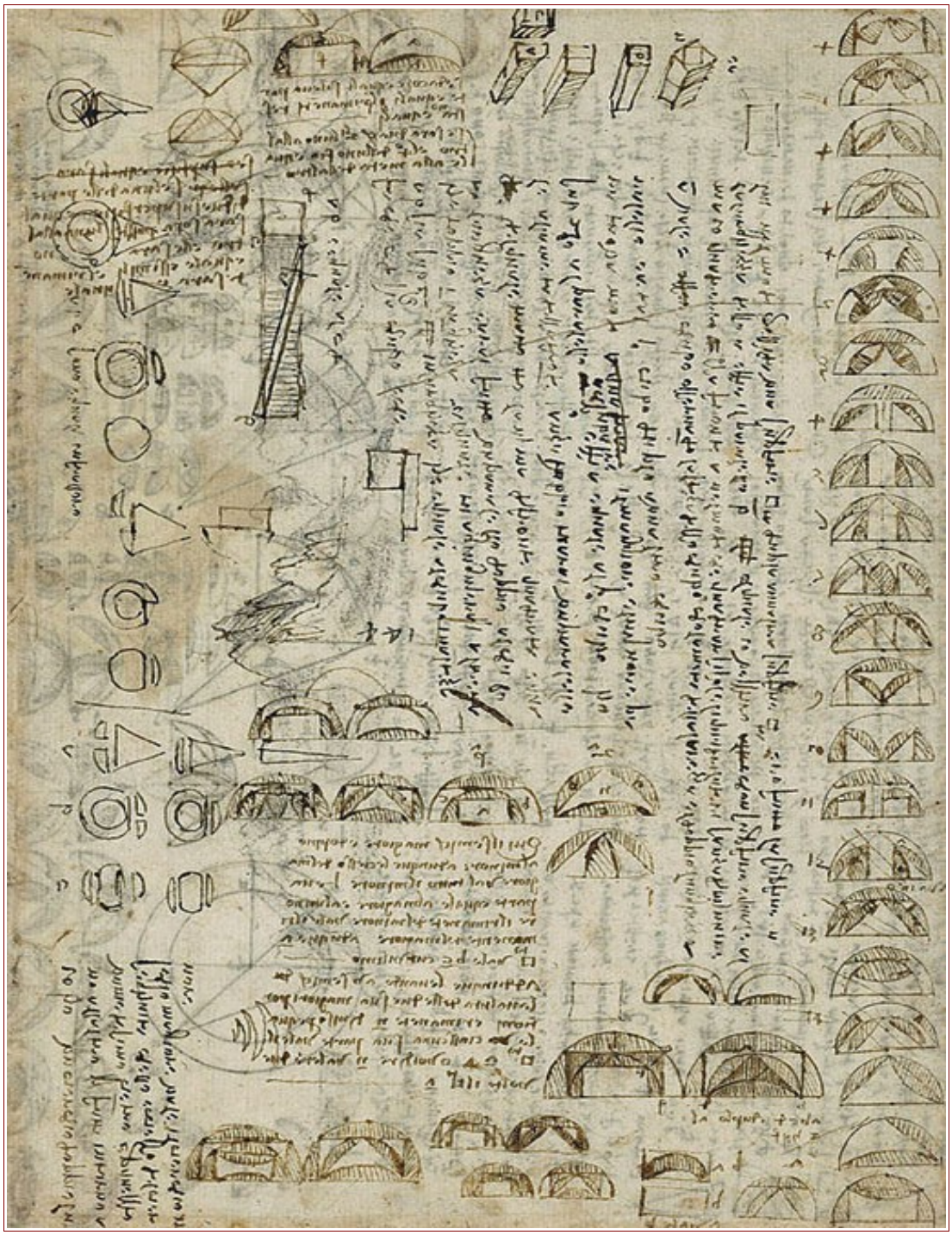
Rhombicuboctahedron
Leonardo da Vinci



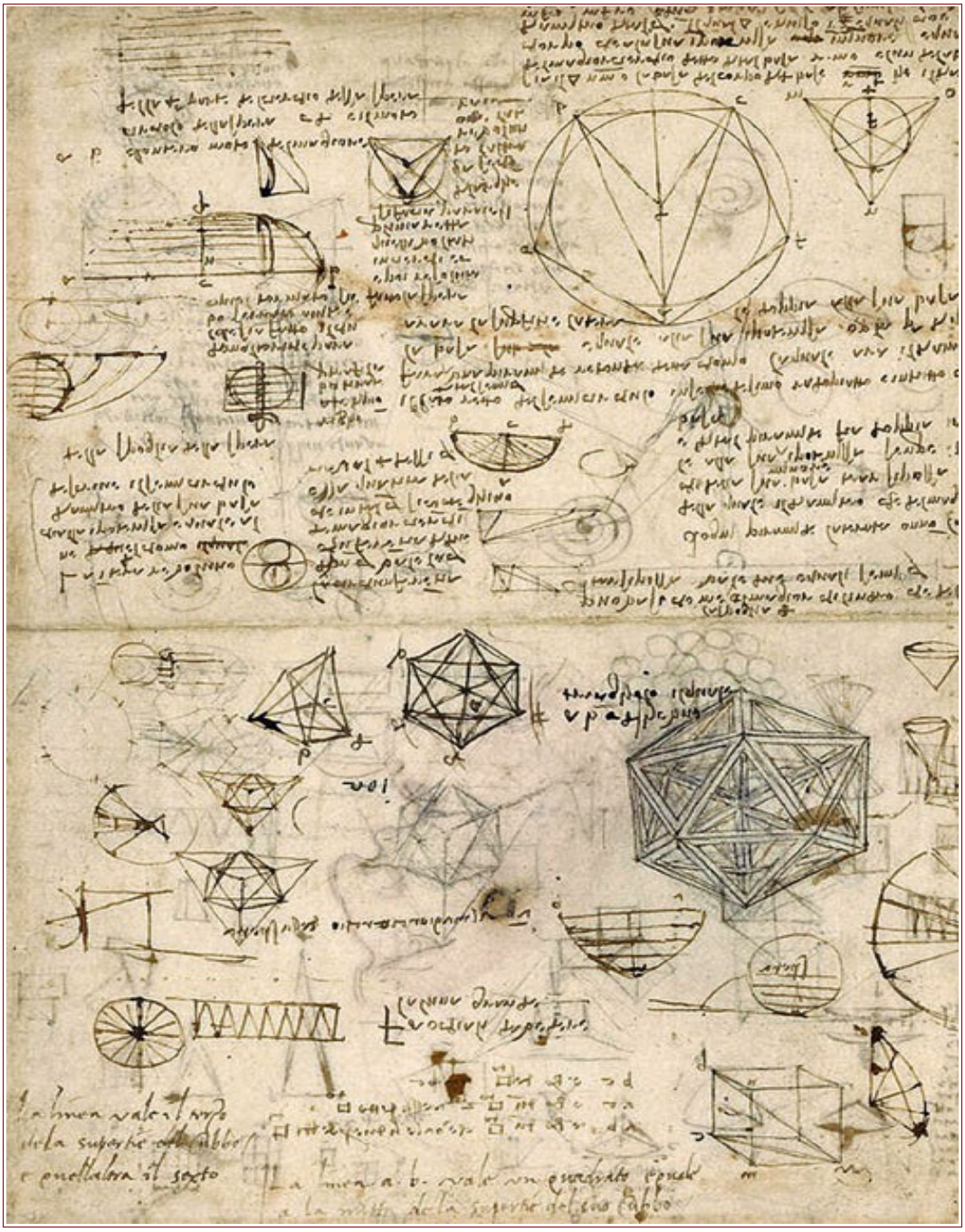
Octahedron
Leonardo da Vinci



Square Pyramid
Leonardo da Vinci



Boska Geometria (Sześcian, Delian Problem)
Divine Geometry (Cube and Delian Problem)
Leonardo da Vinci



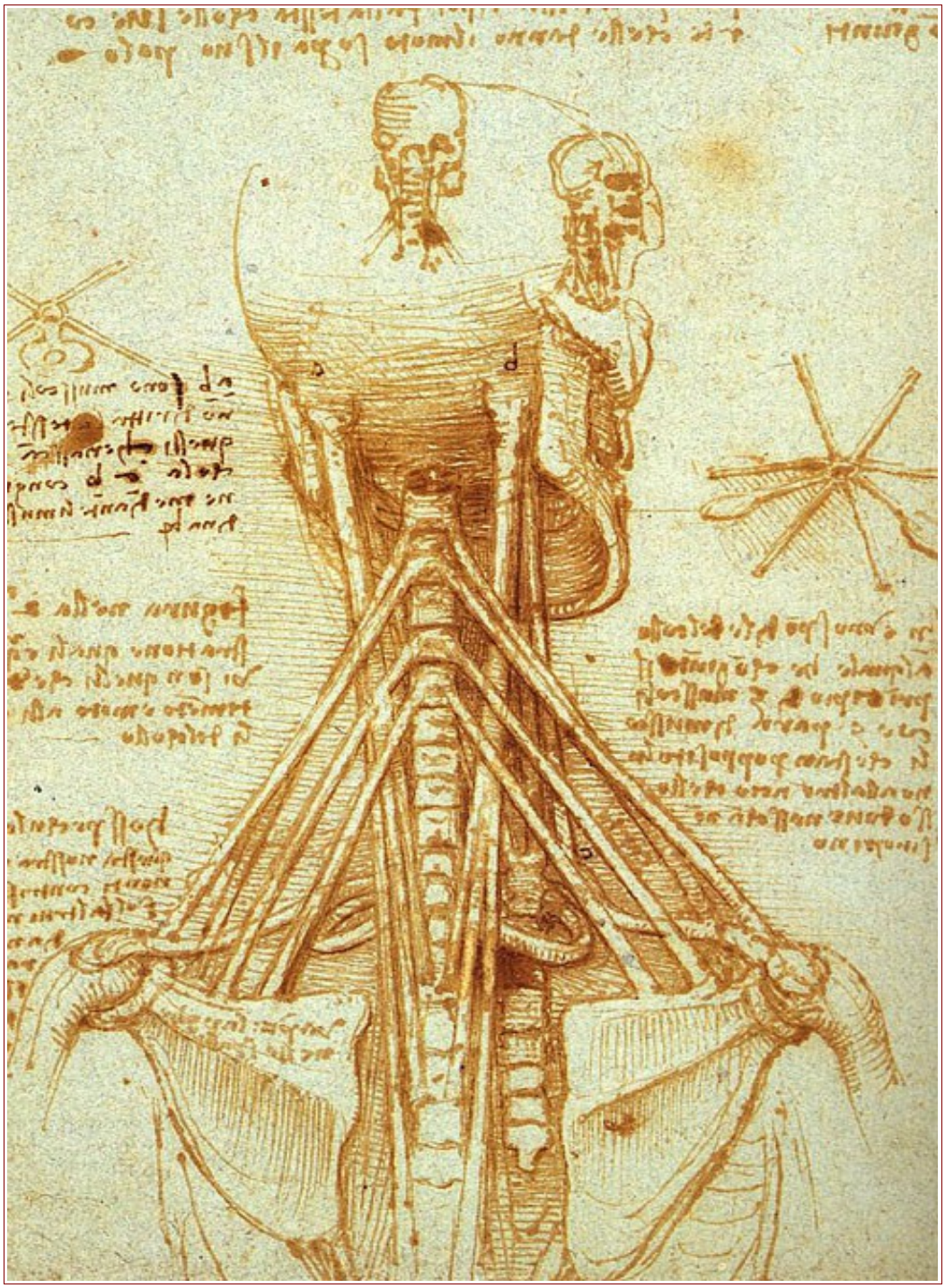
Boska Geometria i Projekt Teleskopu
Divine Geometry and the Project for the Telescope
Leonardo da Vinci

Boska Geometria. Kwadratura Okręg.
Quadrature of a Circle
Leonardo da Vinci

Anatomia

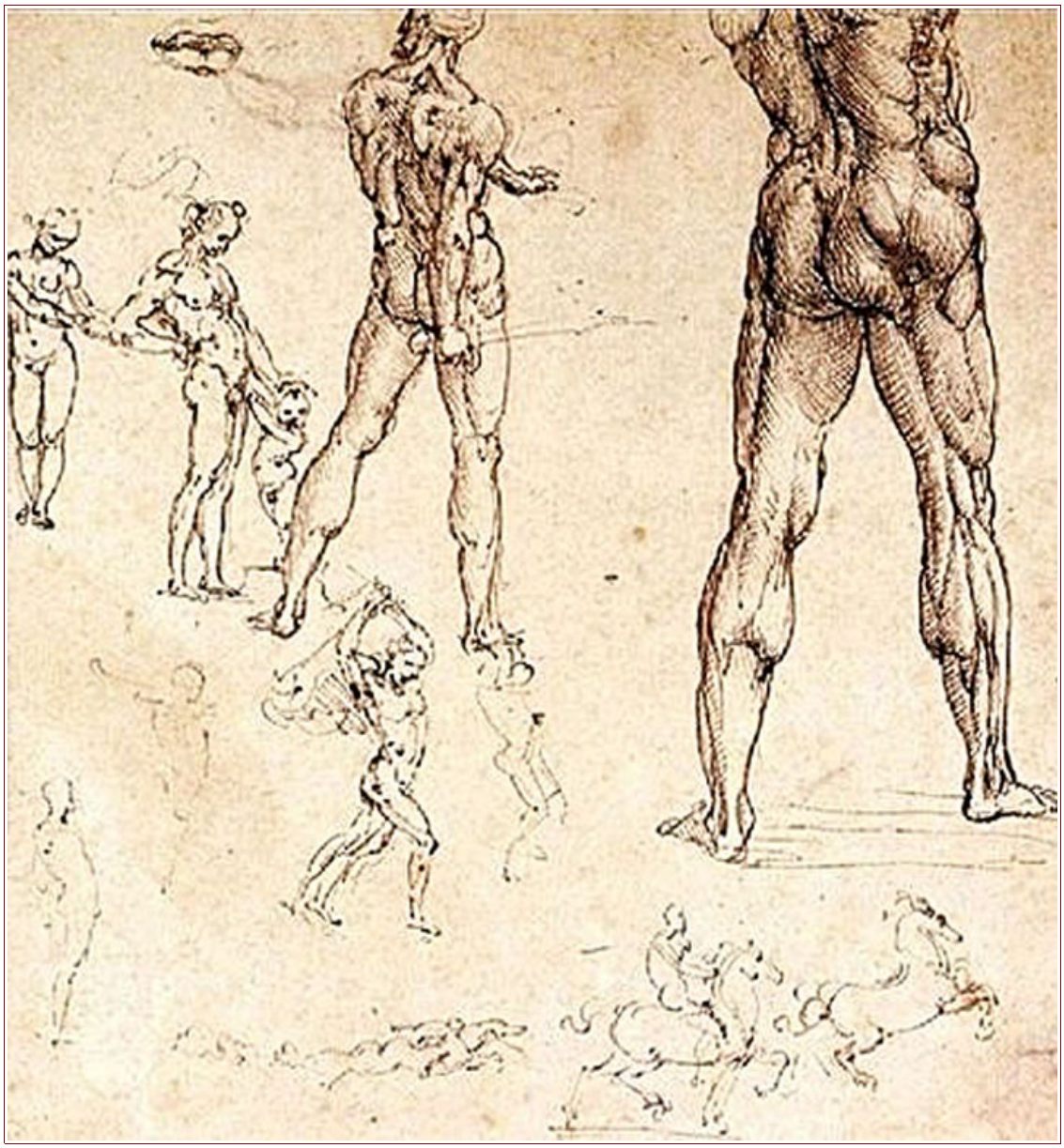
Anatomy

Leonardo da Vinci

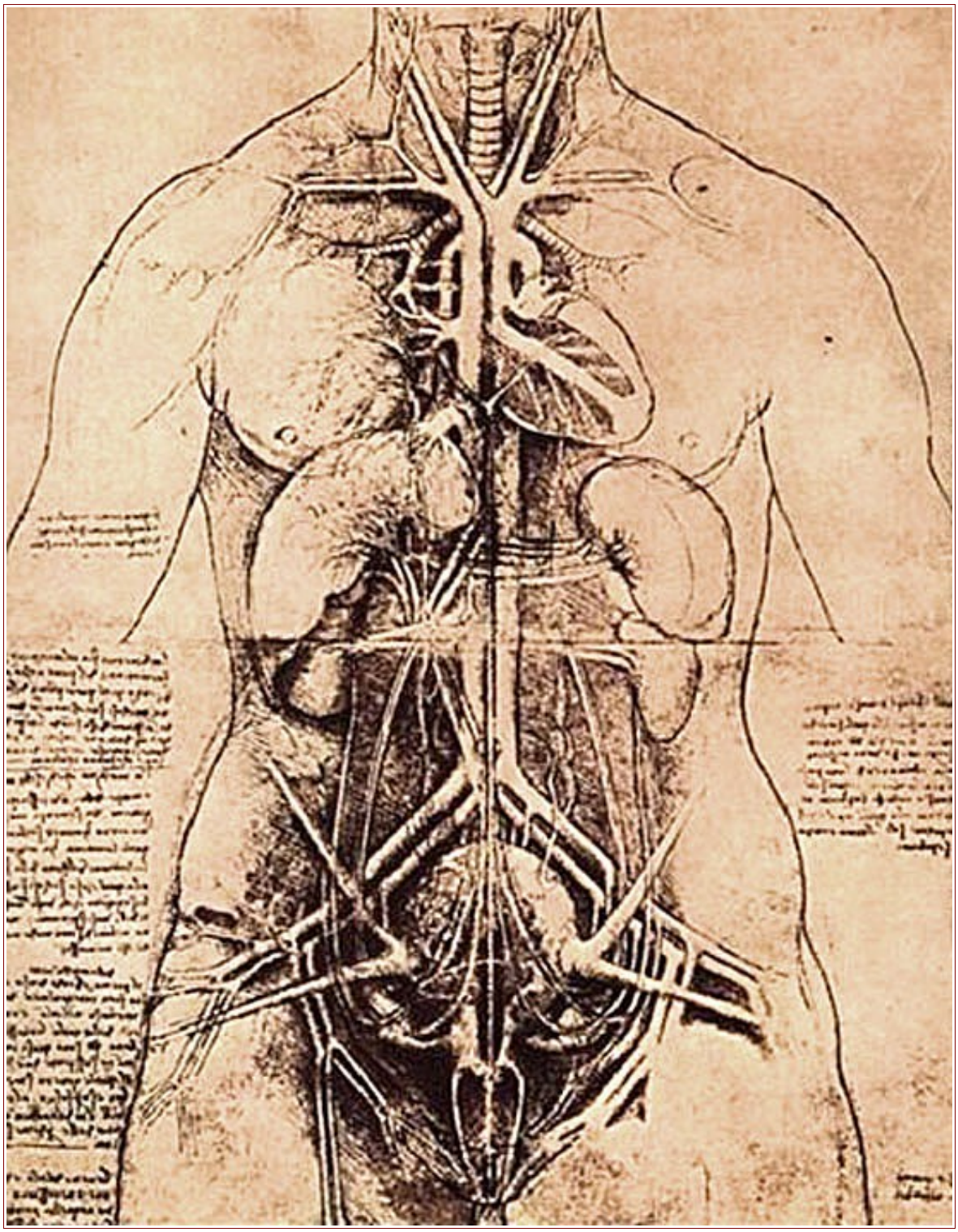


Leonardo da Vinci

Leonardo da Vinci



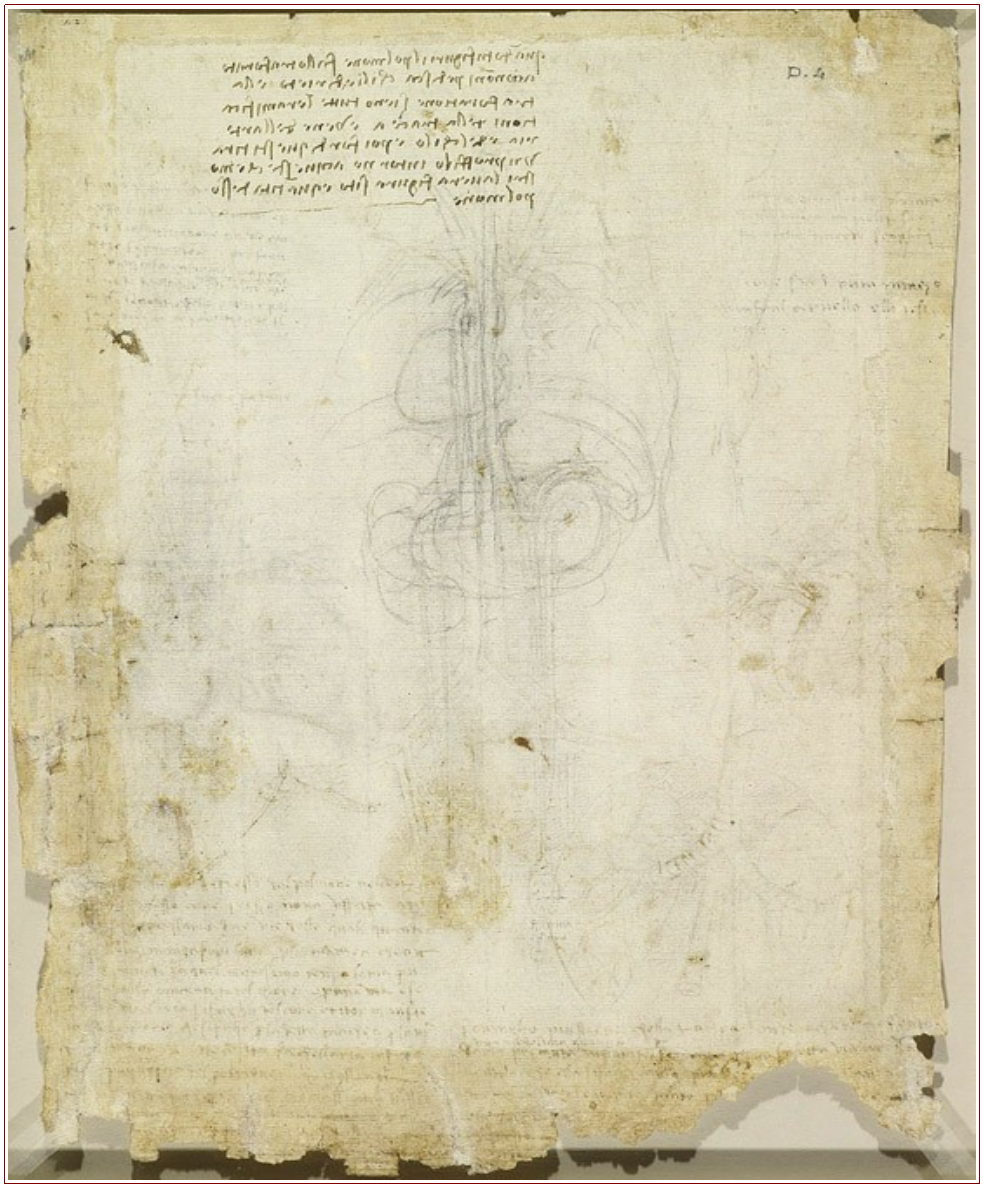
Leonardo da Vinci



Leonardo da Vinci

Leonardo da Vinci

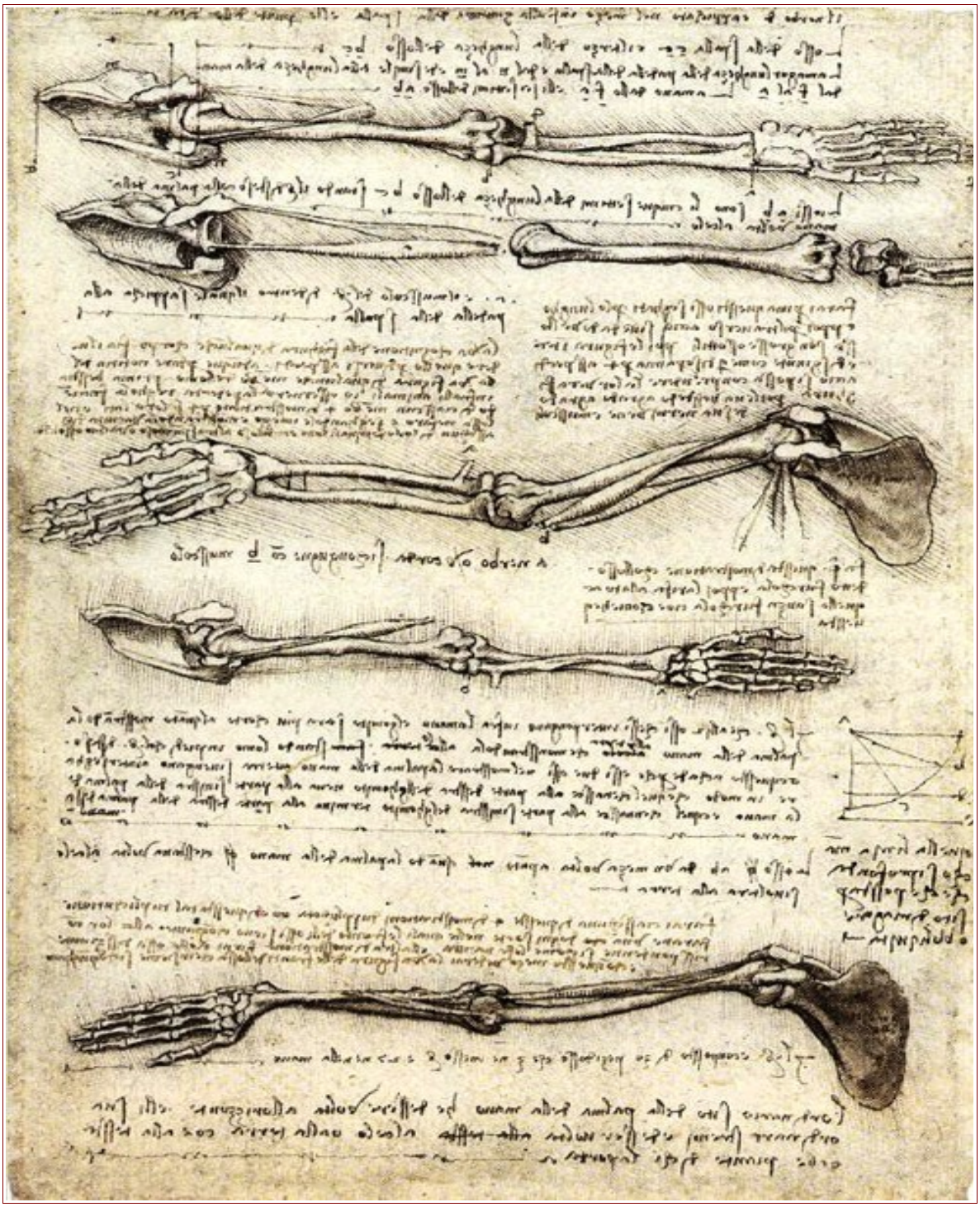
Leonardo da Vinci



Heart and Lungs
Leonardo da Vinci

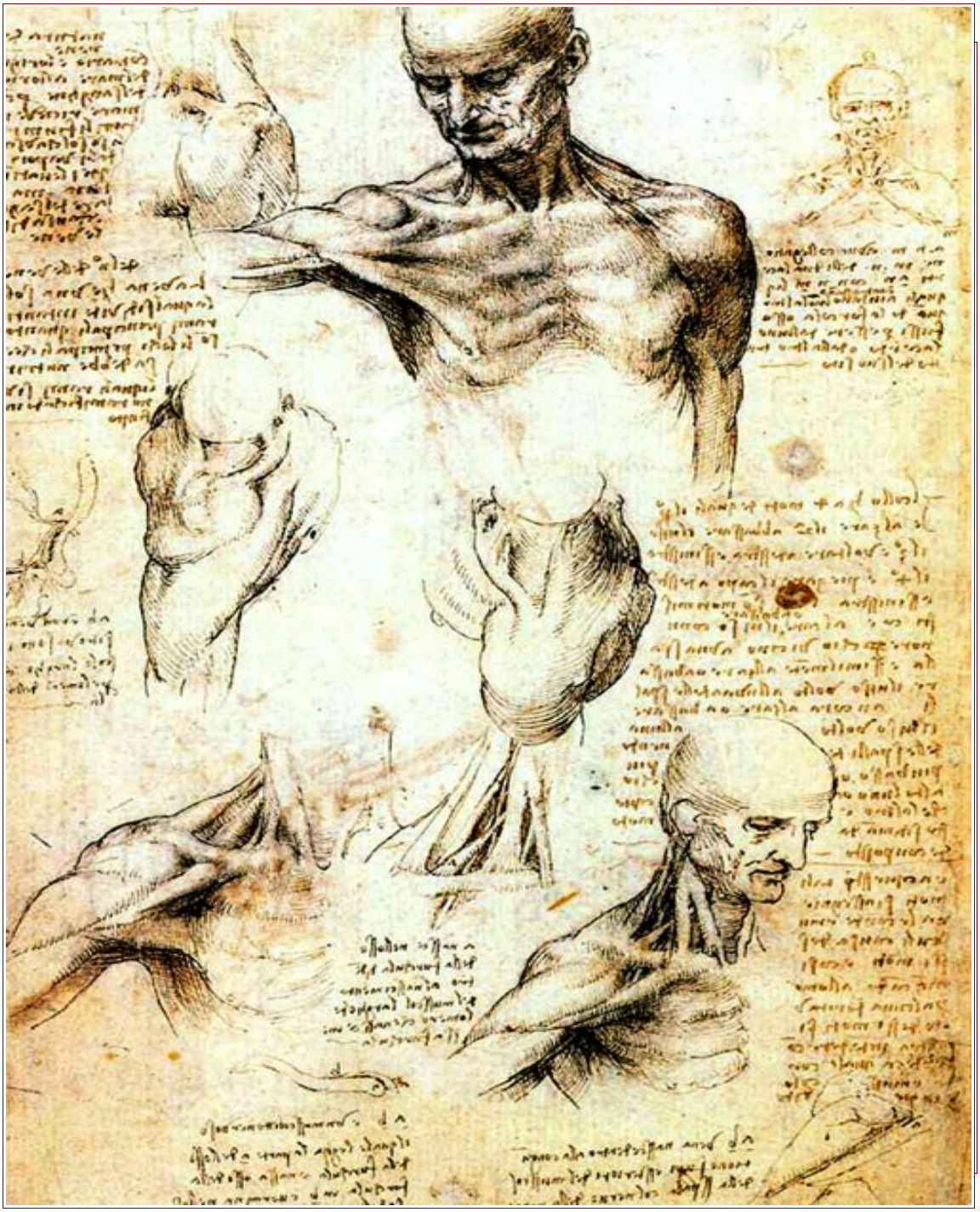
Leonardo da Vinci

Leonardo da Vinci



Leonardo da Vinci

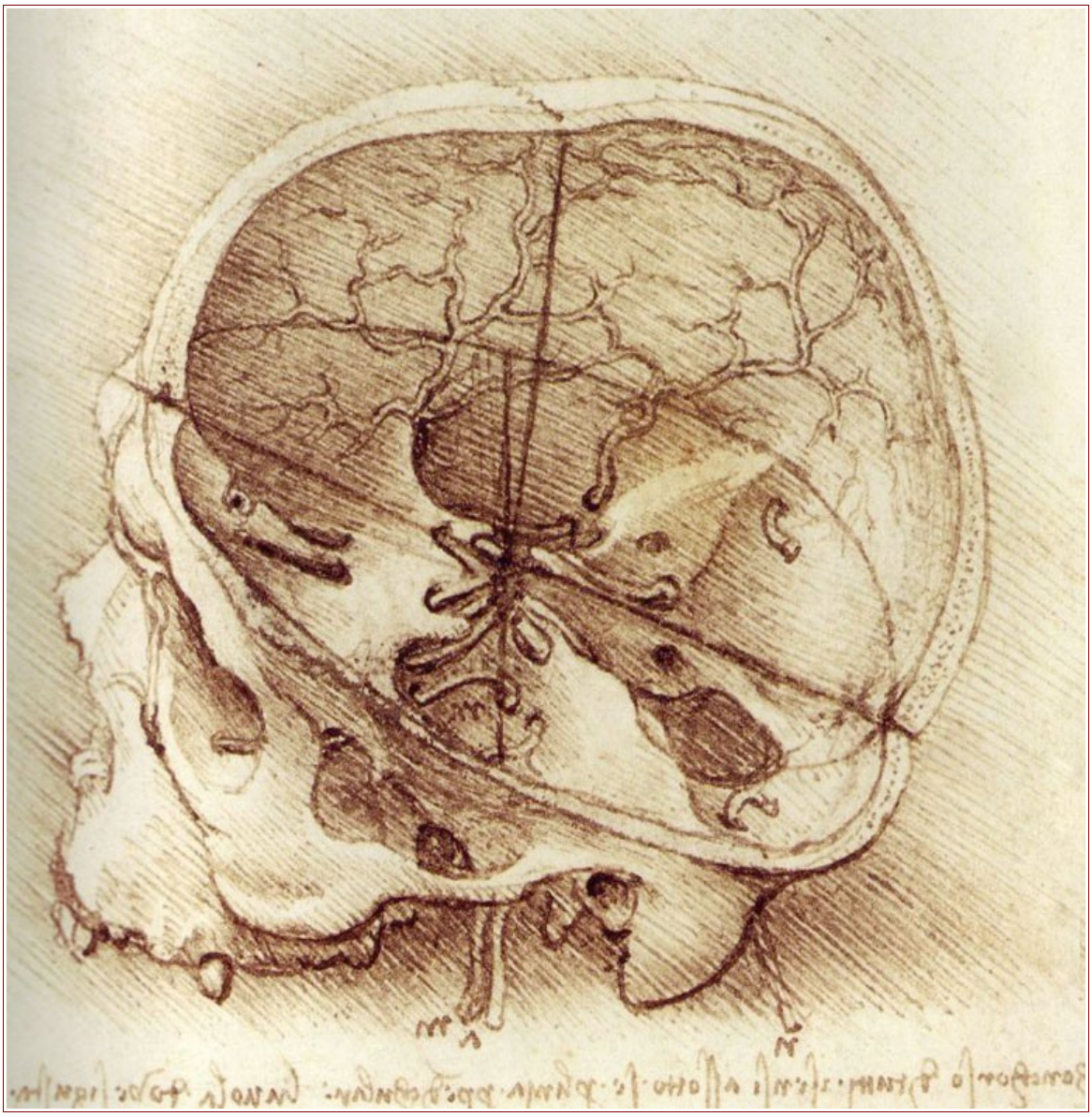
Leonardo da Vinci



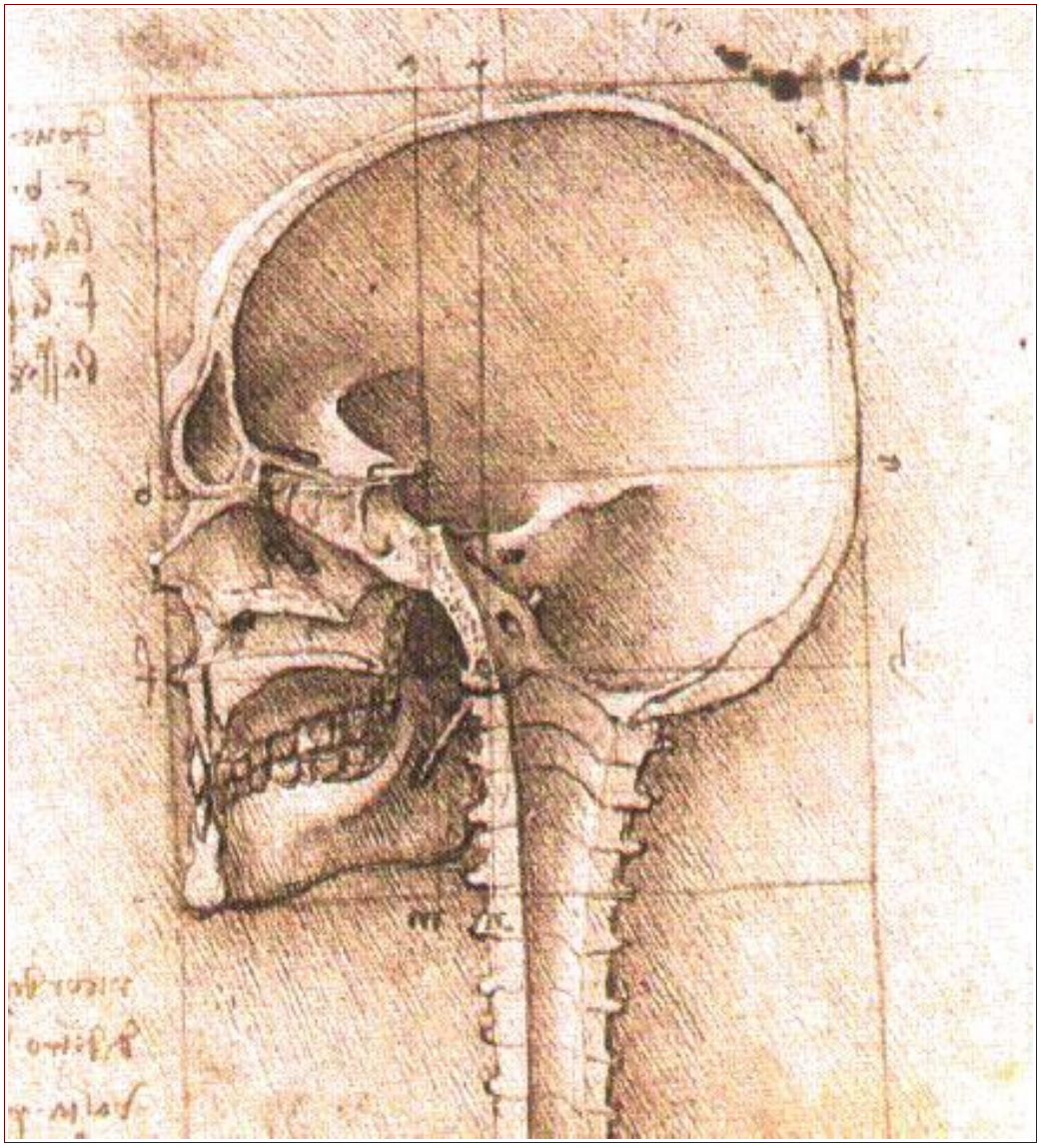
Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

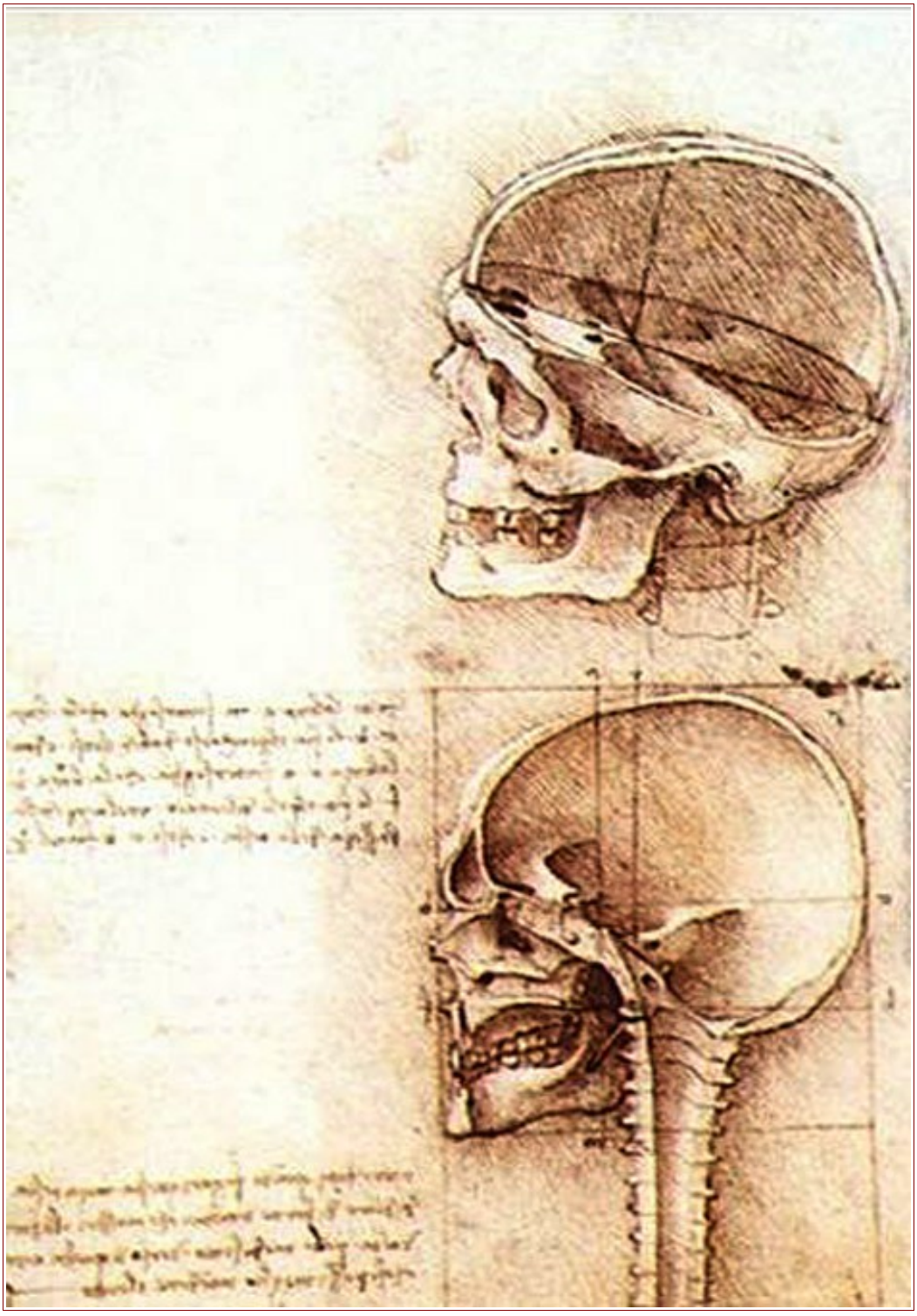


Leonardo da Vinci

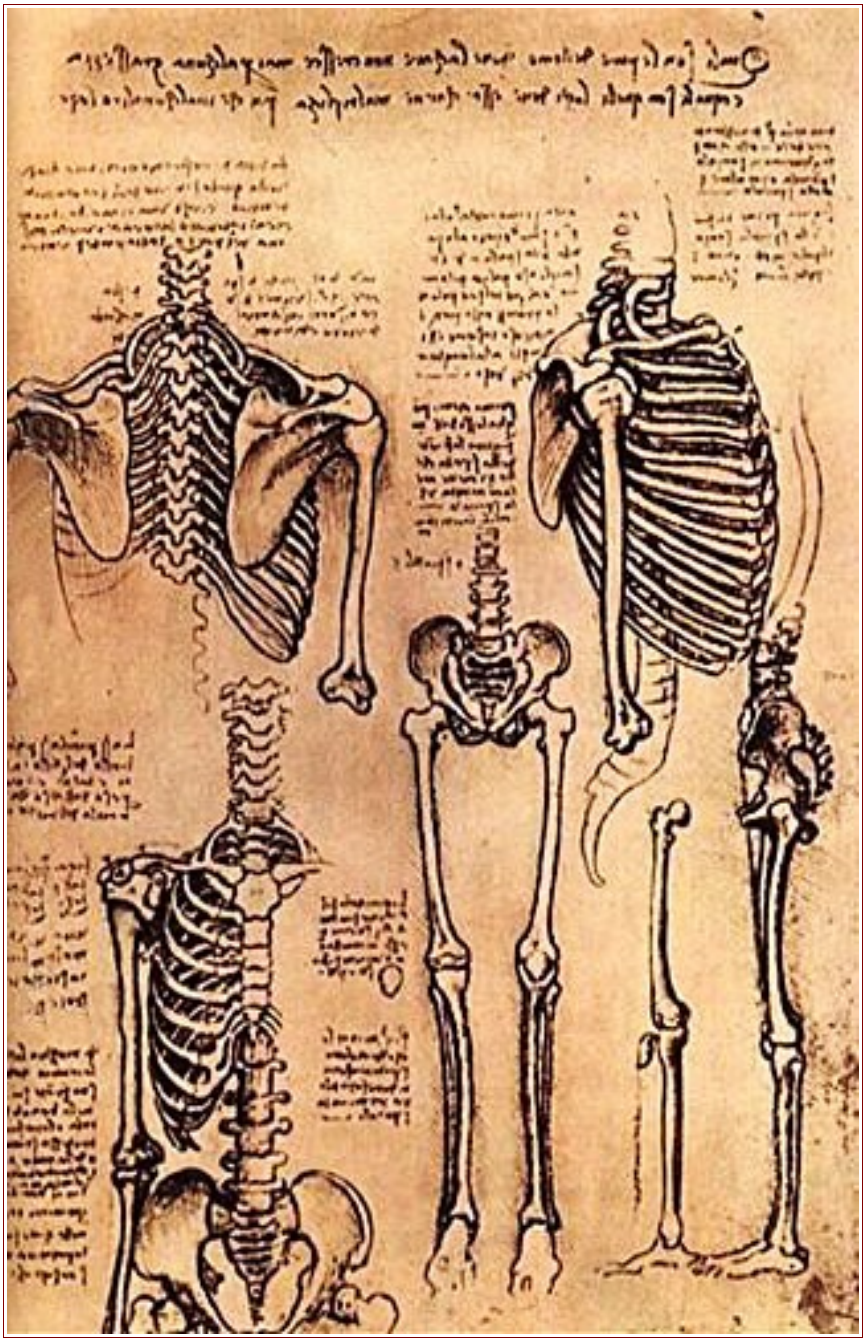


Leonardo da Vinci

Leonardo da Vinci

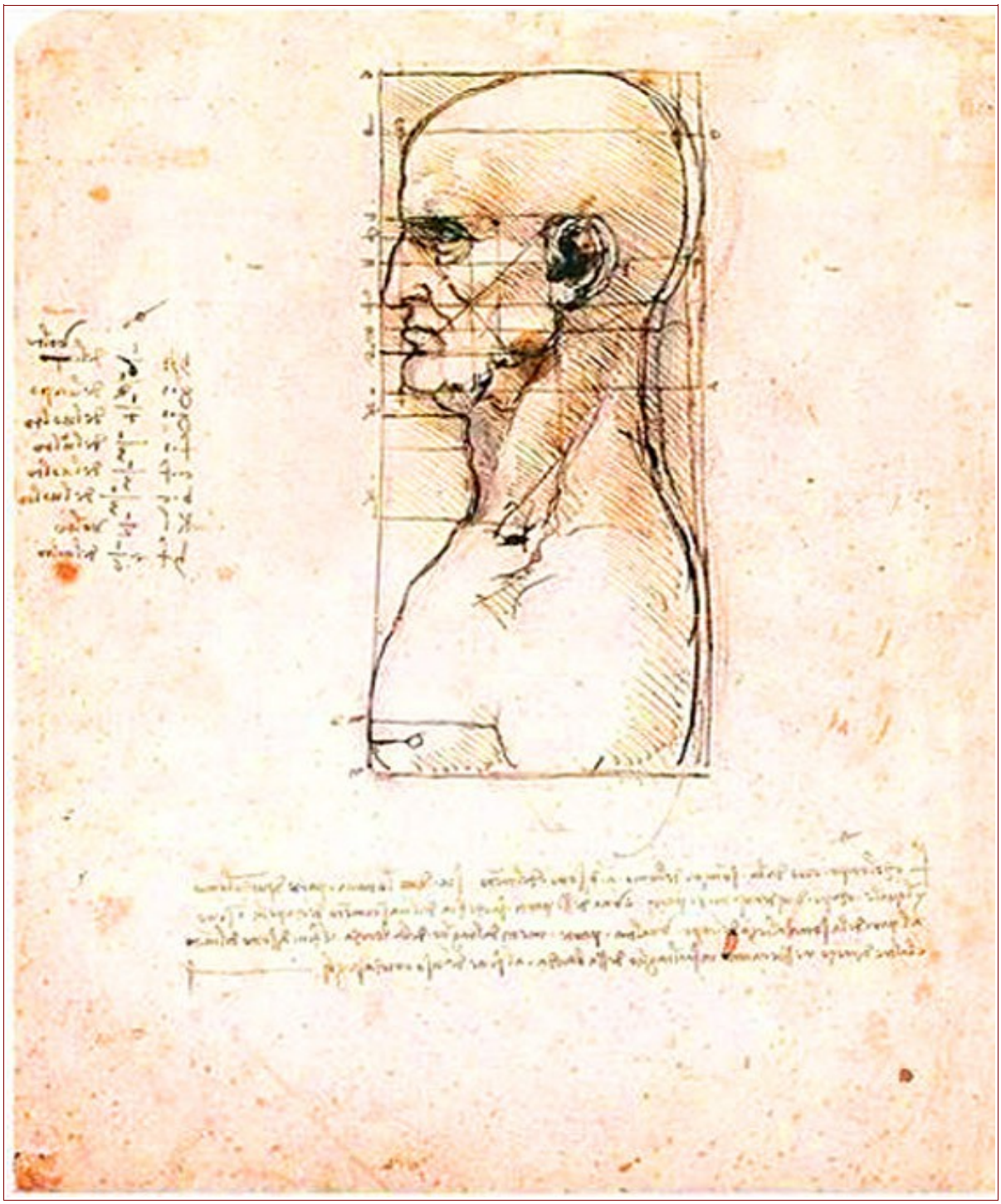


Leonardo da Vinci

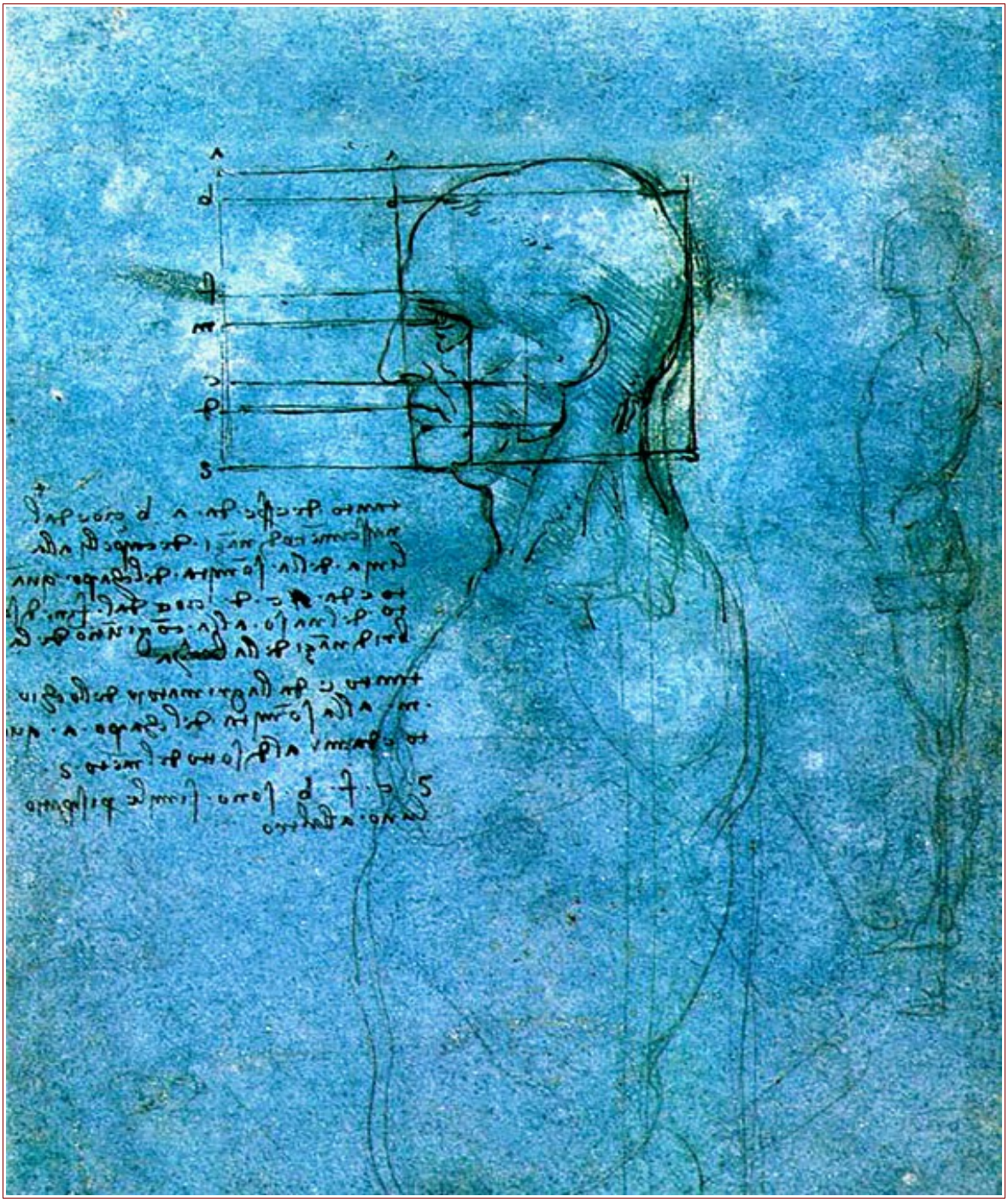


Leonardo da Vinci

Leonardo da Vinci



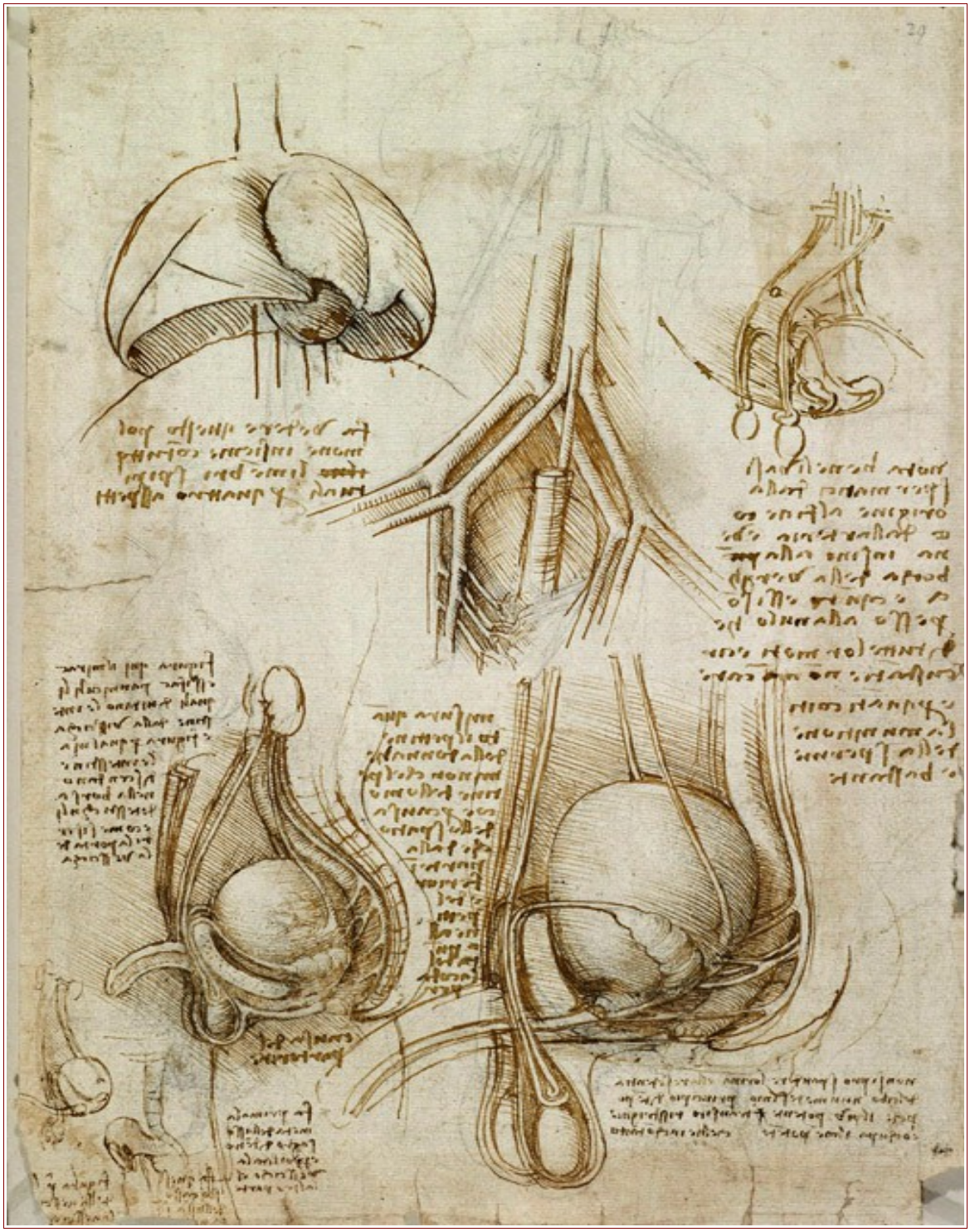
Leonardo da Vinci



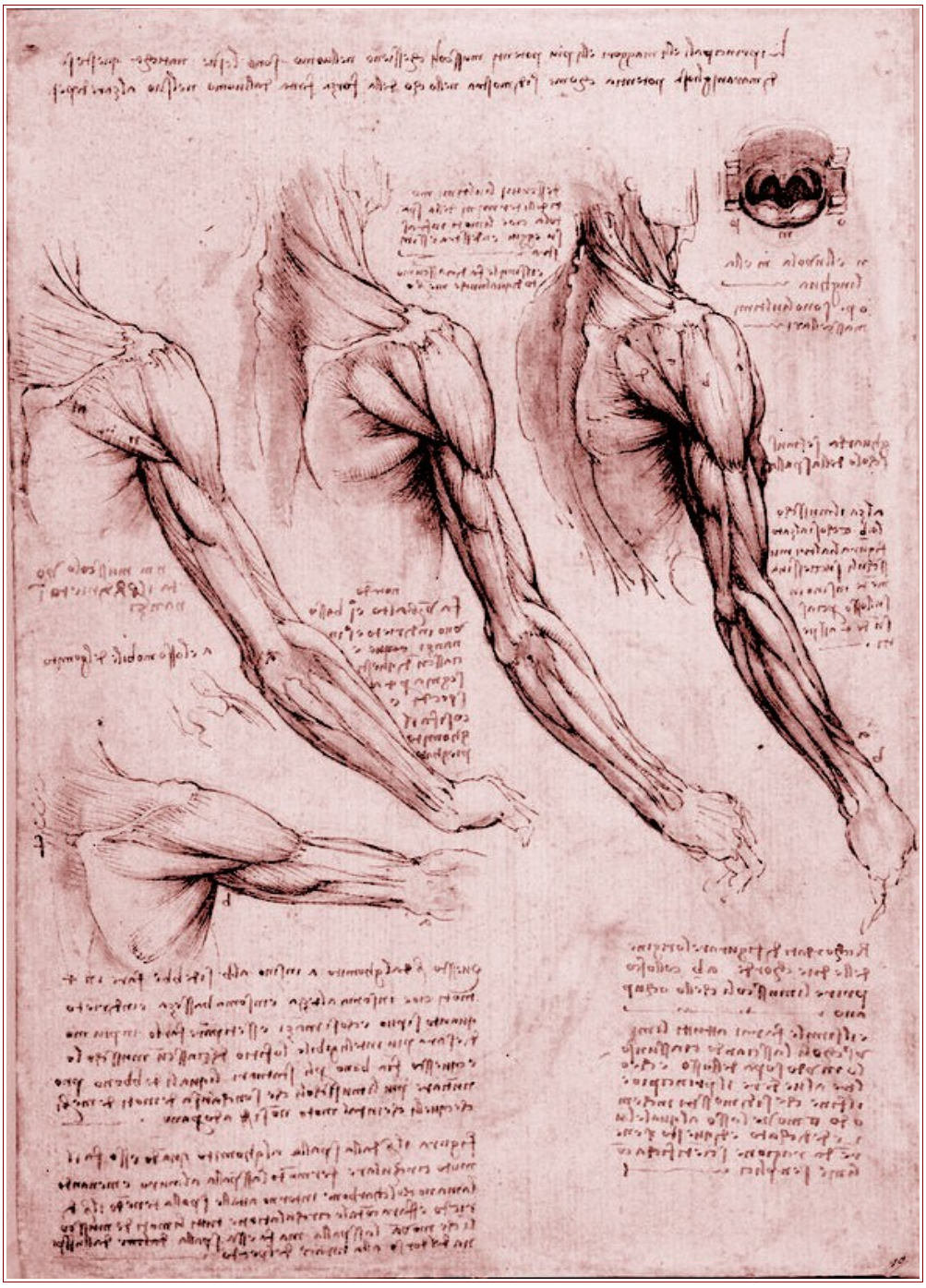
Leonardo da Vinci

Leonardo da Vinci

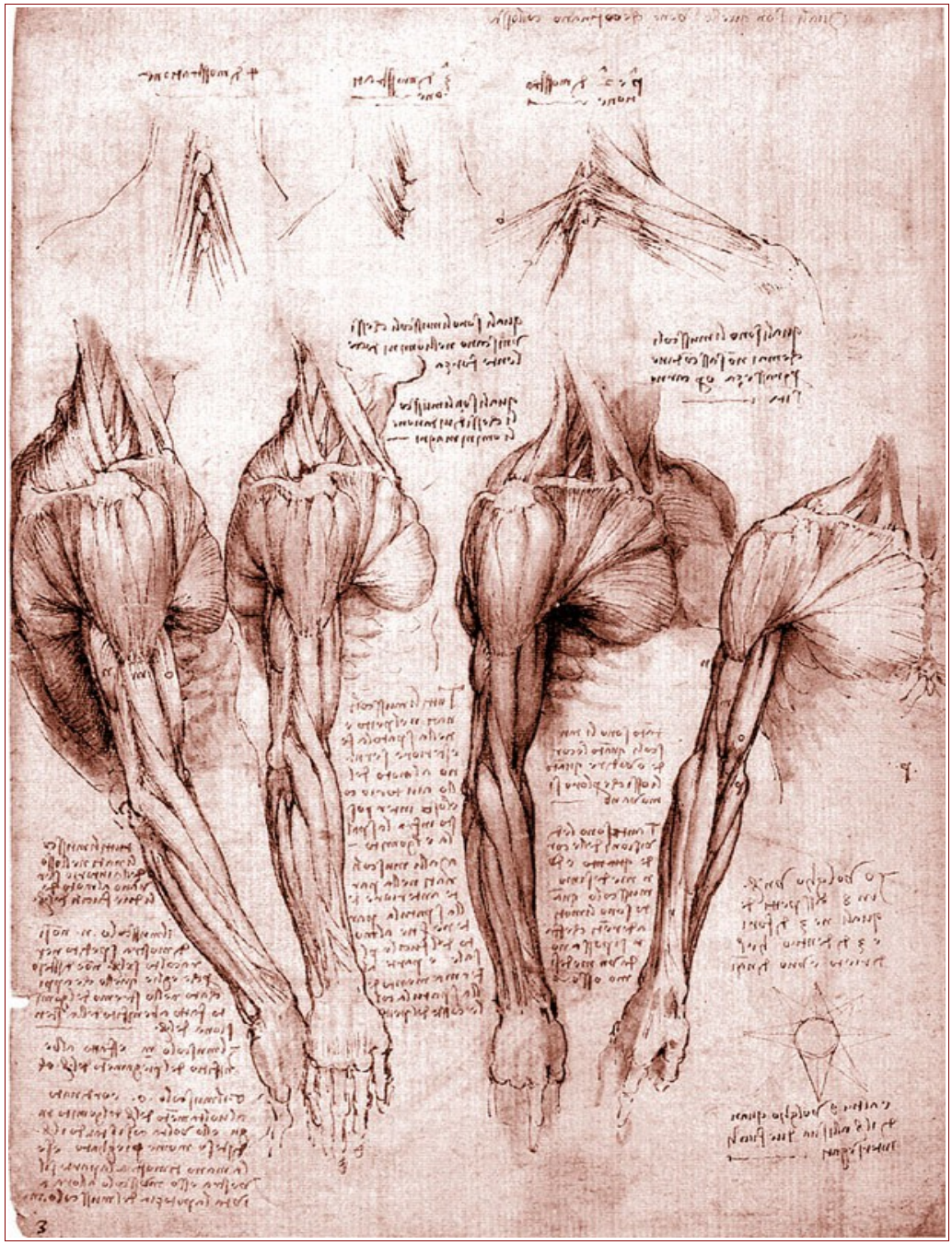
Leonardo da Vinci



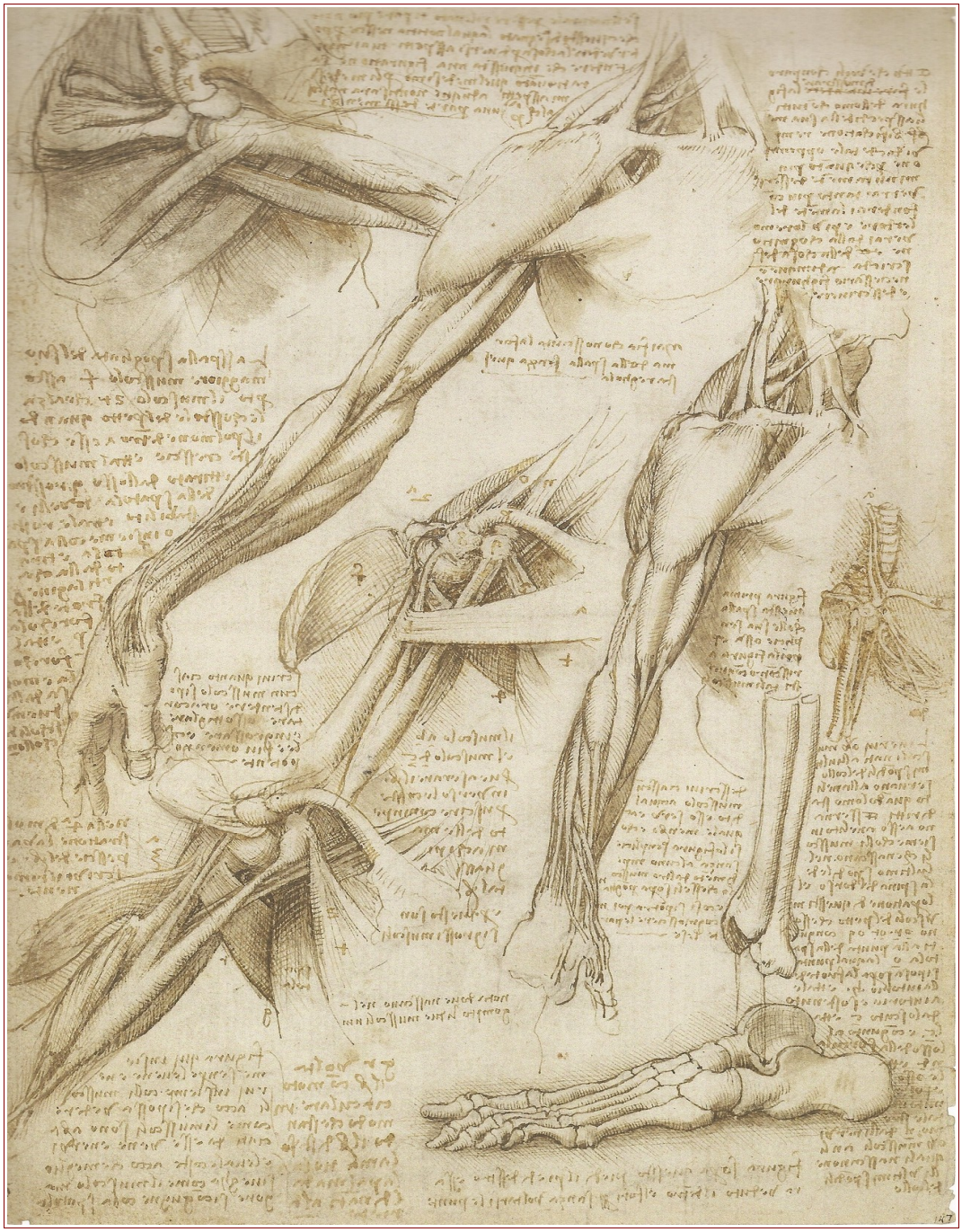
Leonardo da Vinci



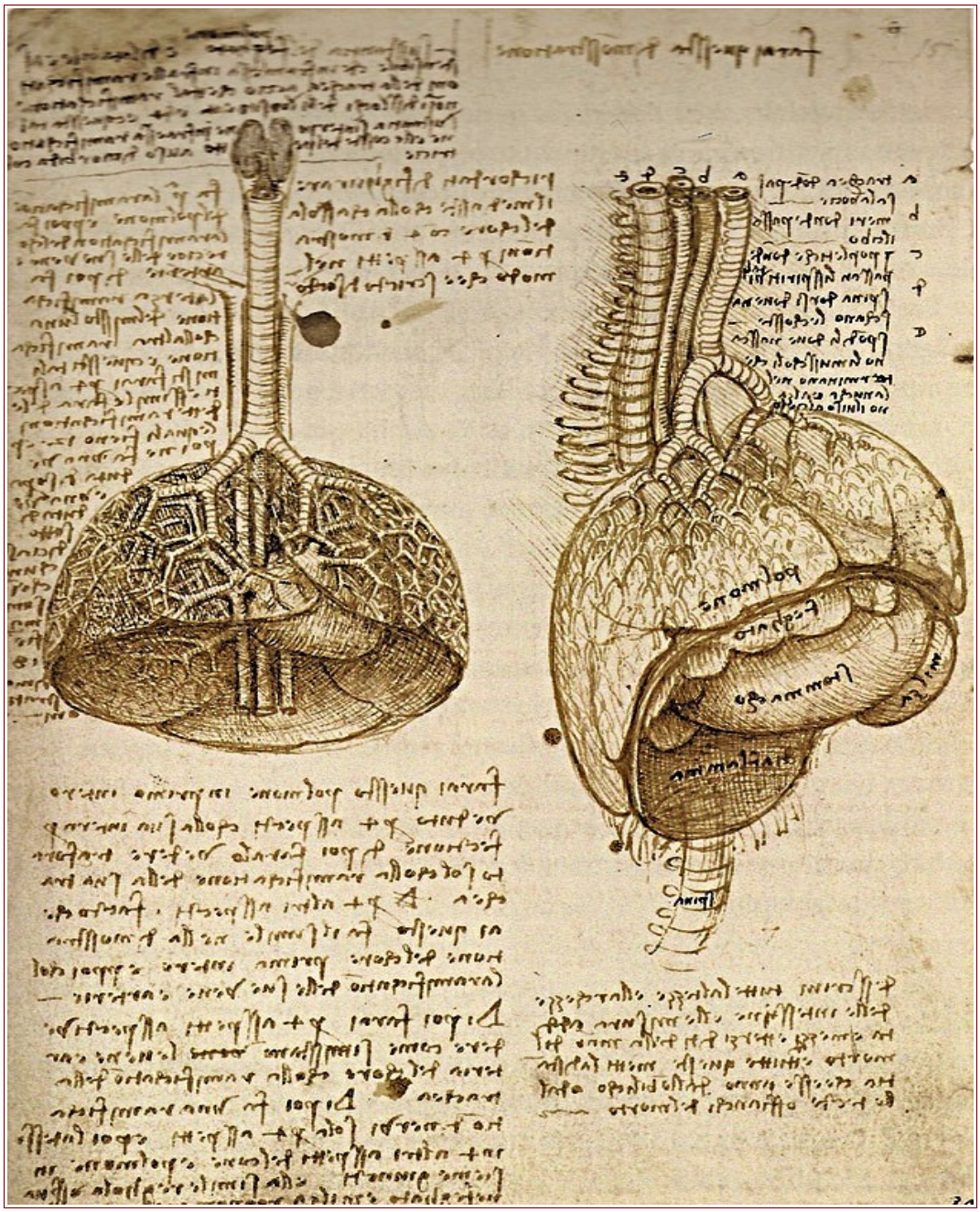
Leonardo da Vinci



Leonardo da Vinci

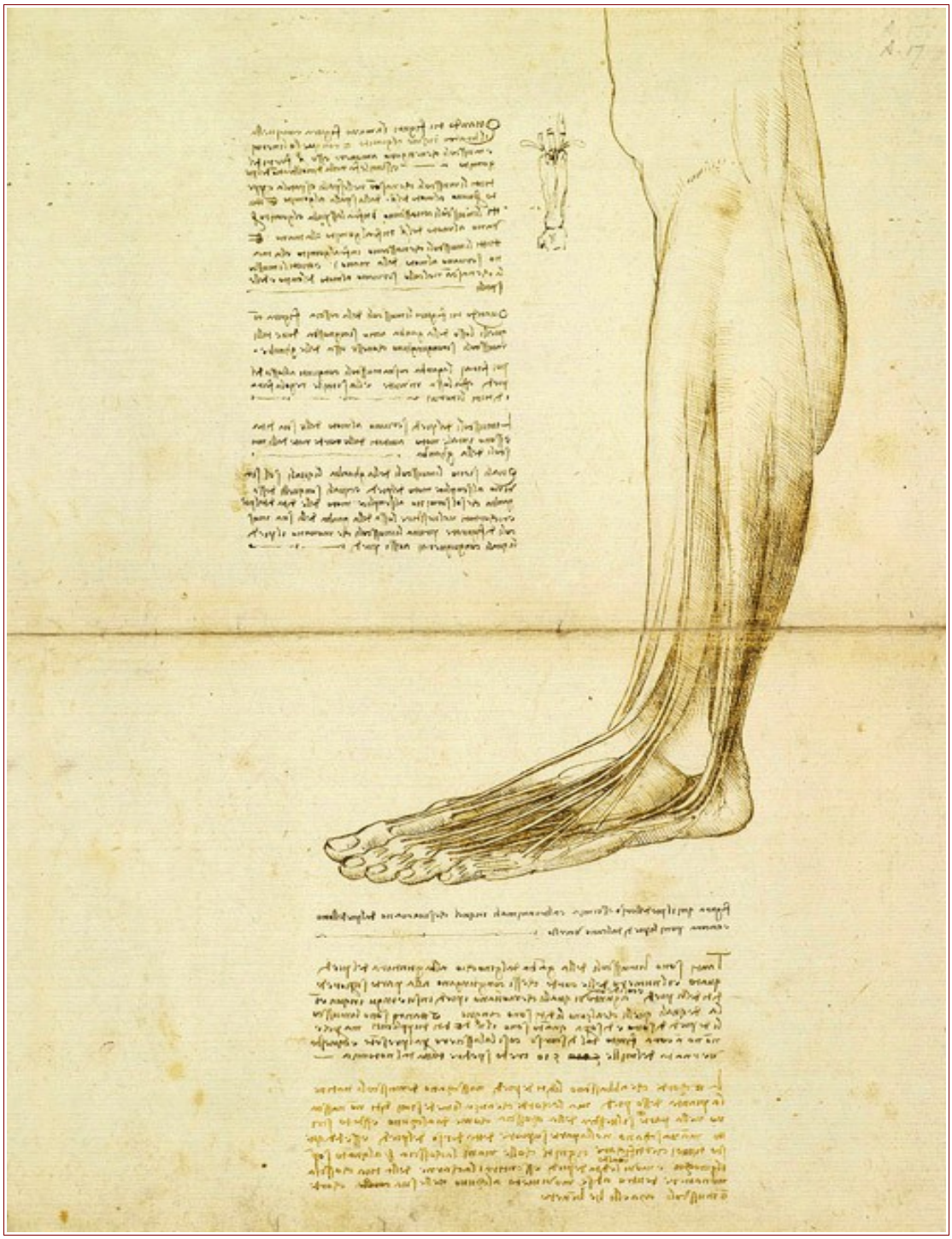


Leonardo da Vinci



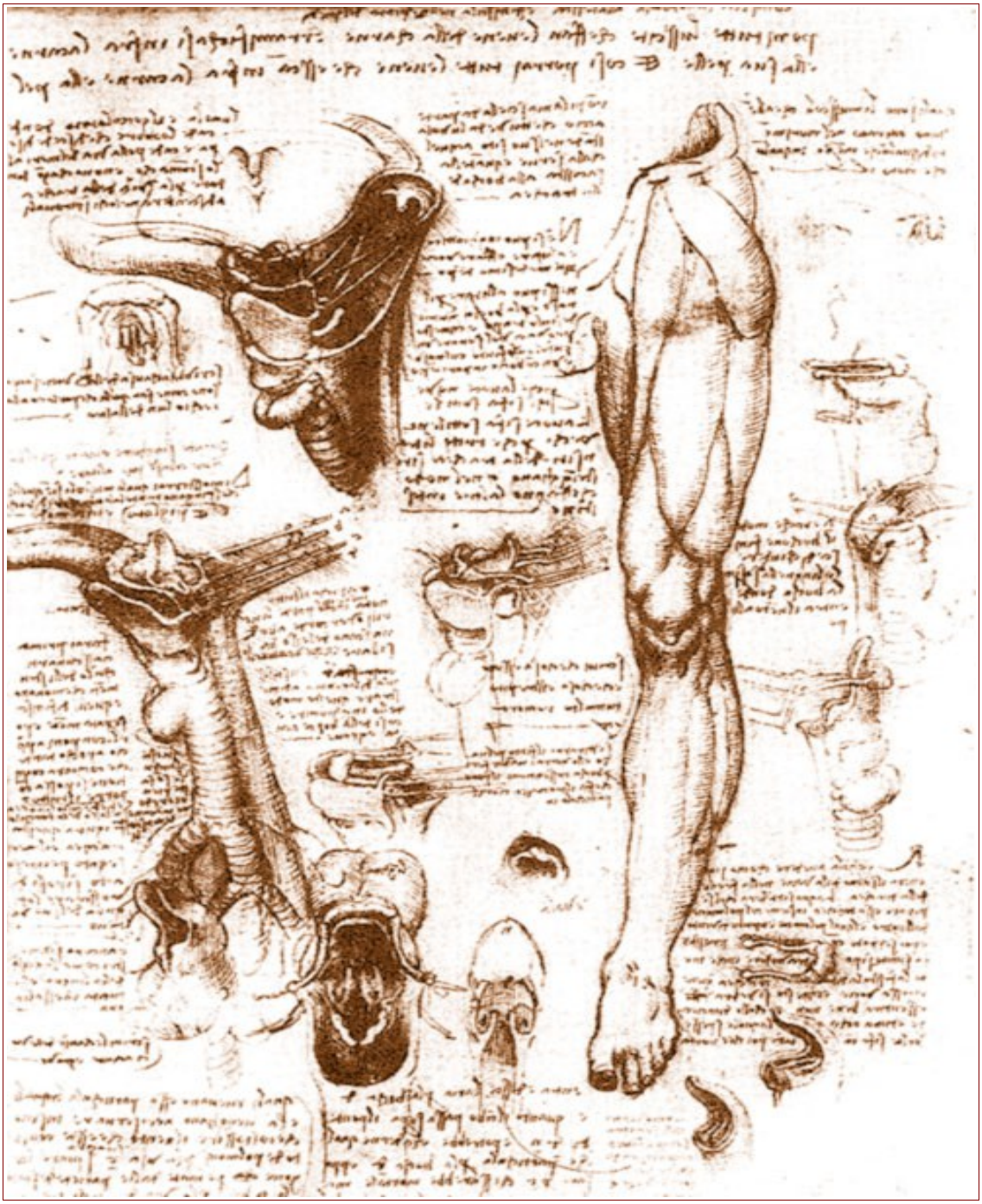
Leonardo da Vinci

Leonardo da Vinci

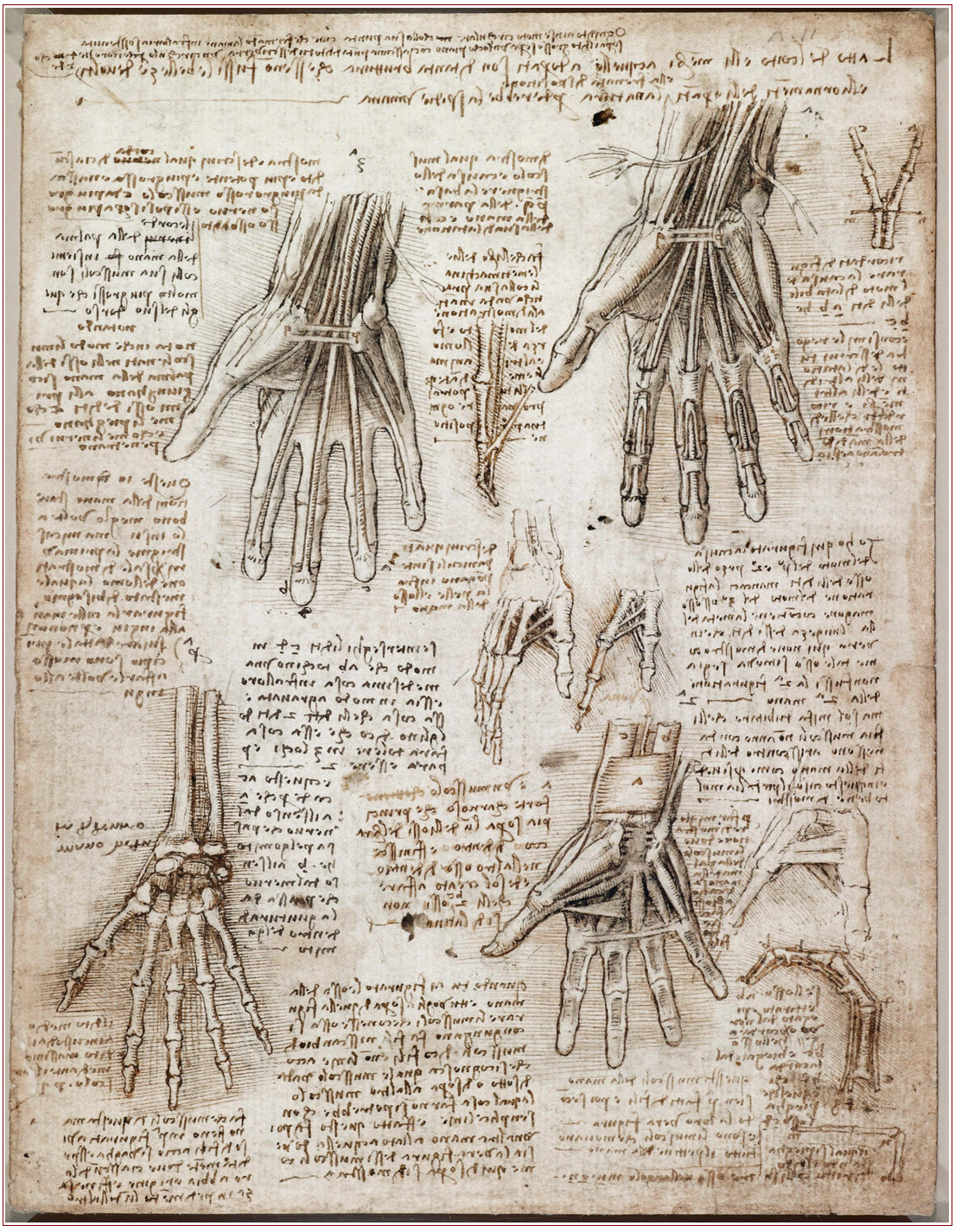


Leonardo da Vinci

Leonardo da Vinci

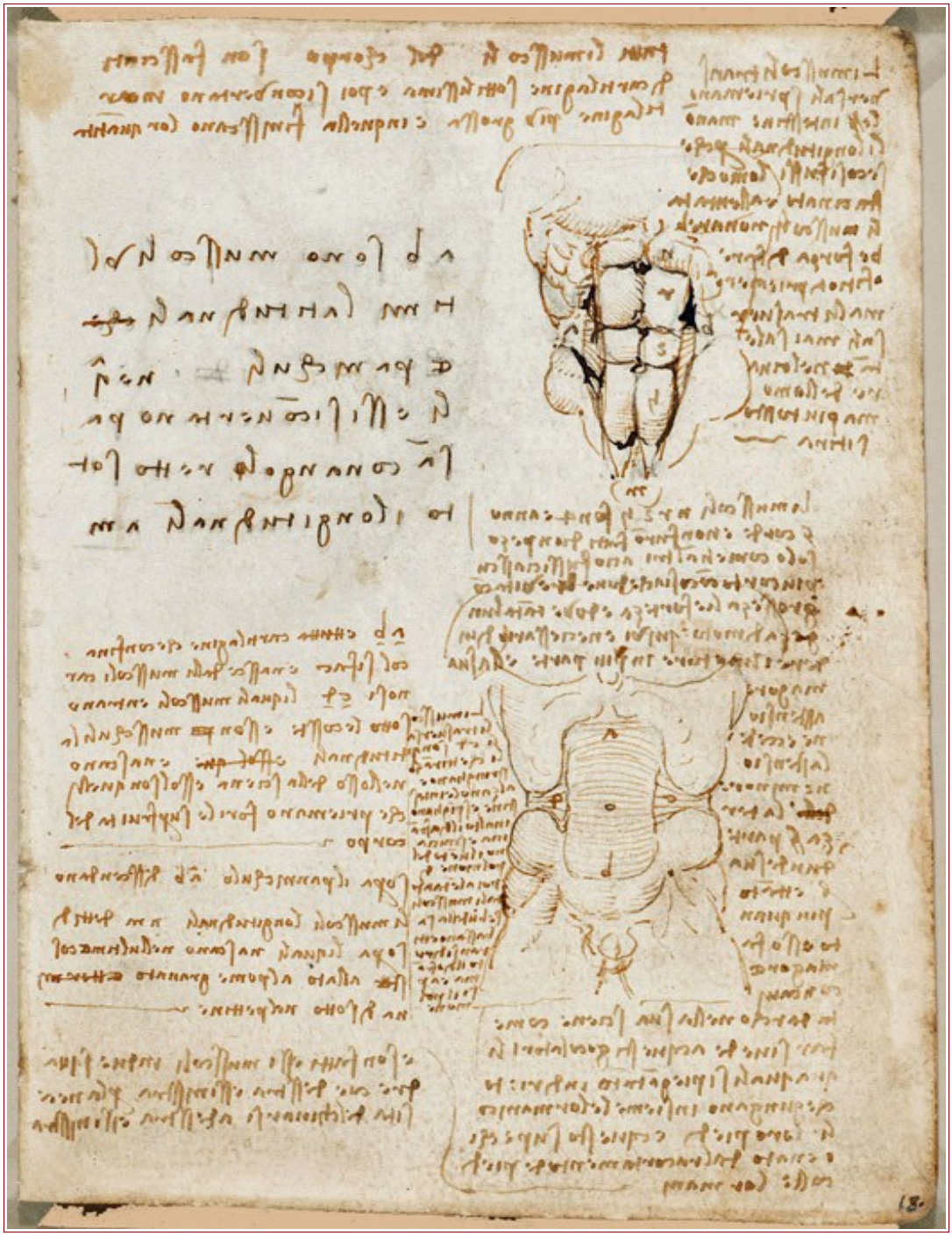


Leonardo da Vinci



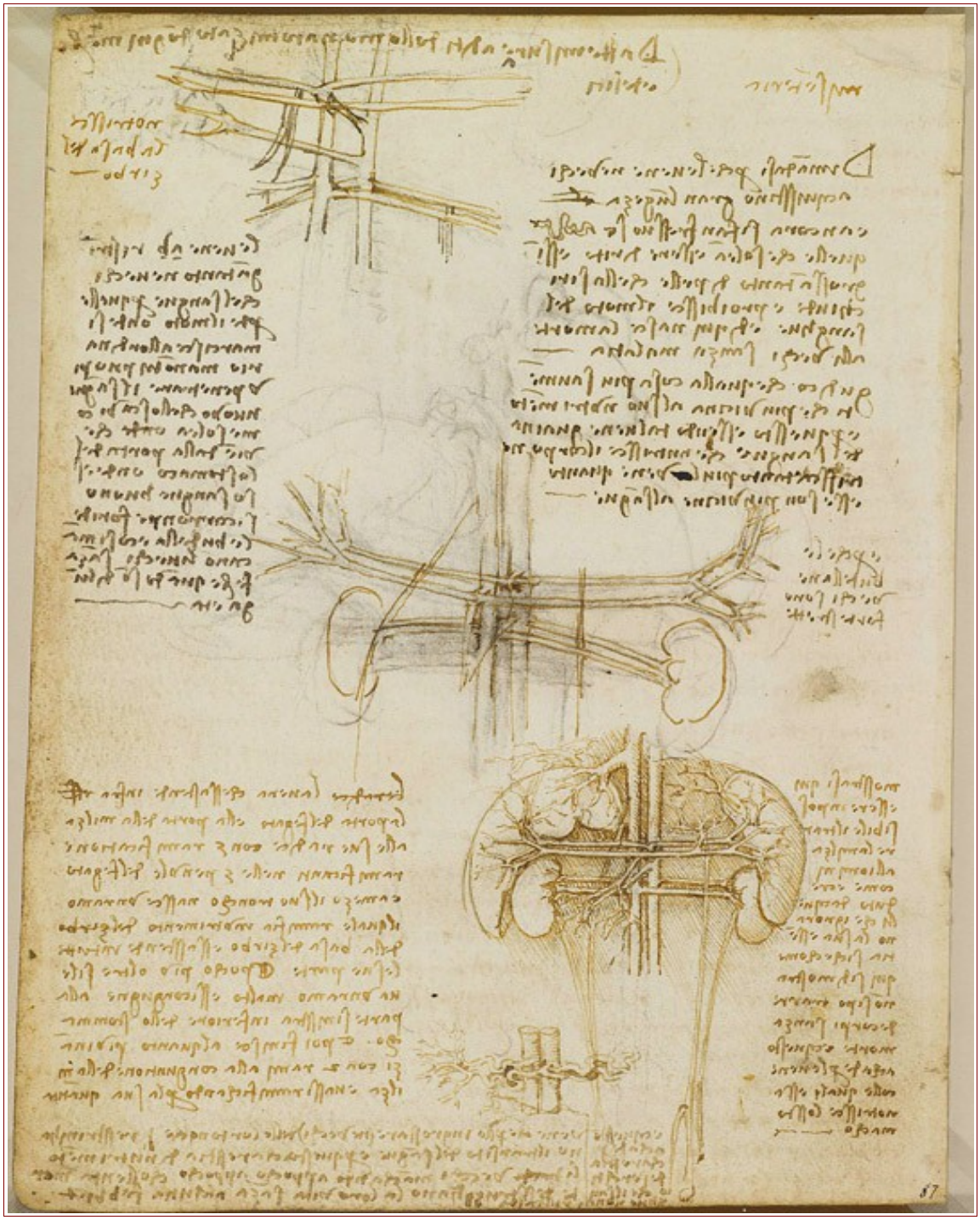
Leonardo da Vinci

Leonardo da Vinci

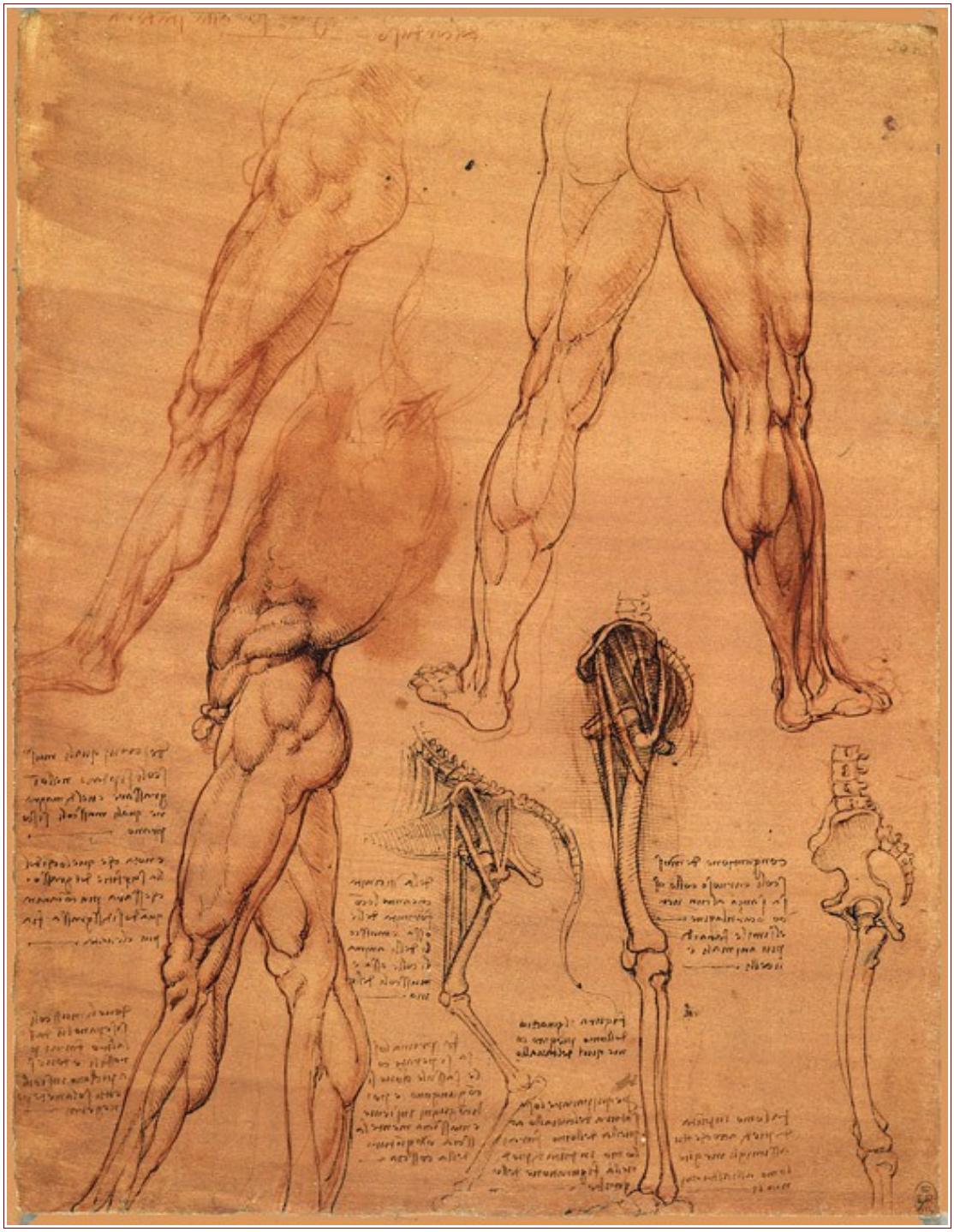


Leonardo da Vinci

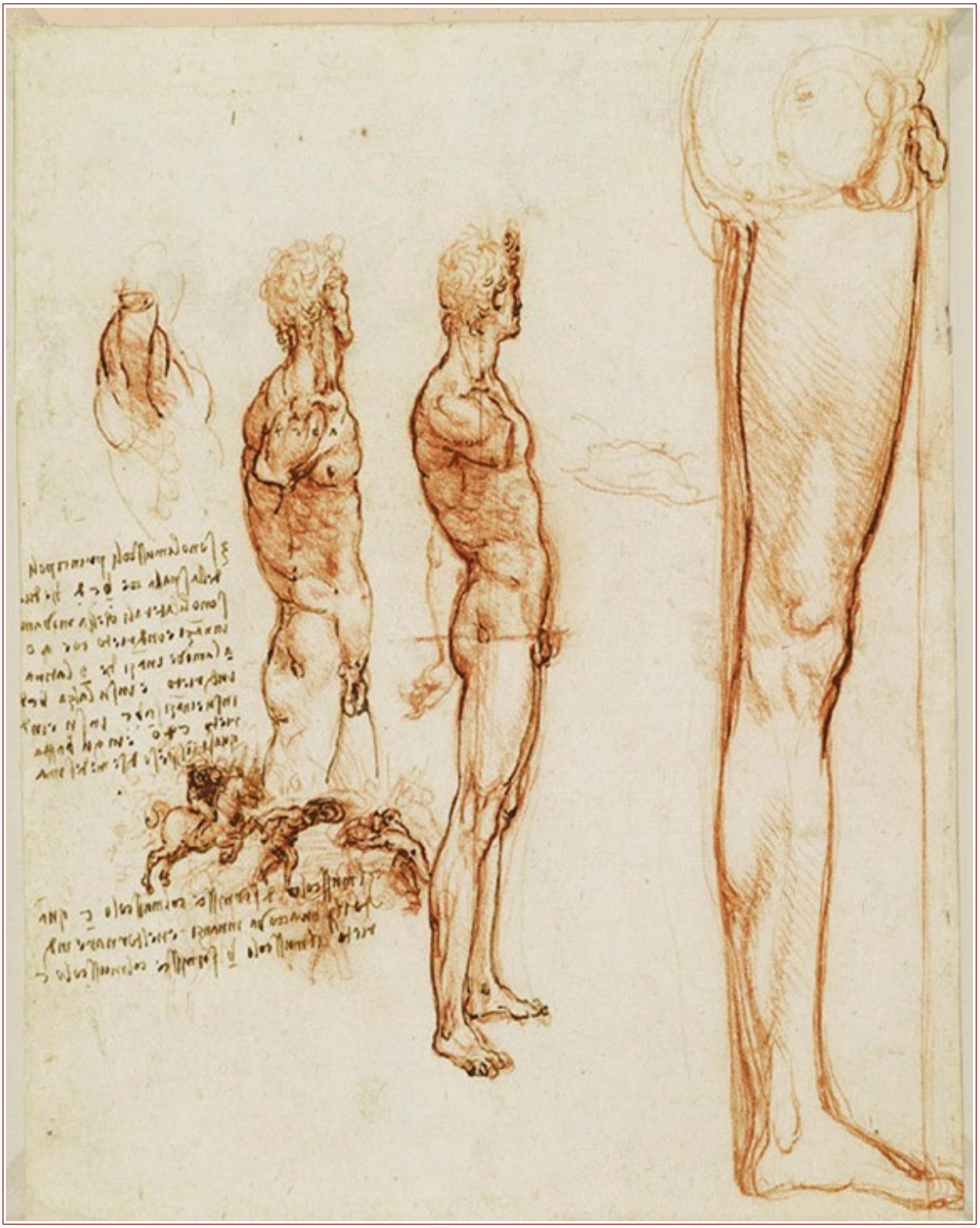
Leonardo da Vinci



Leonardo da Vinci

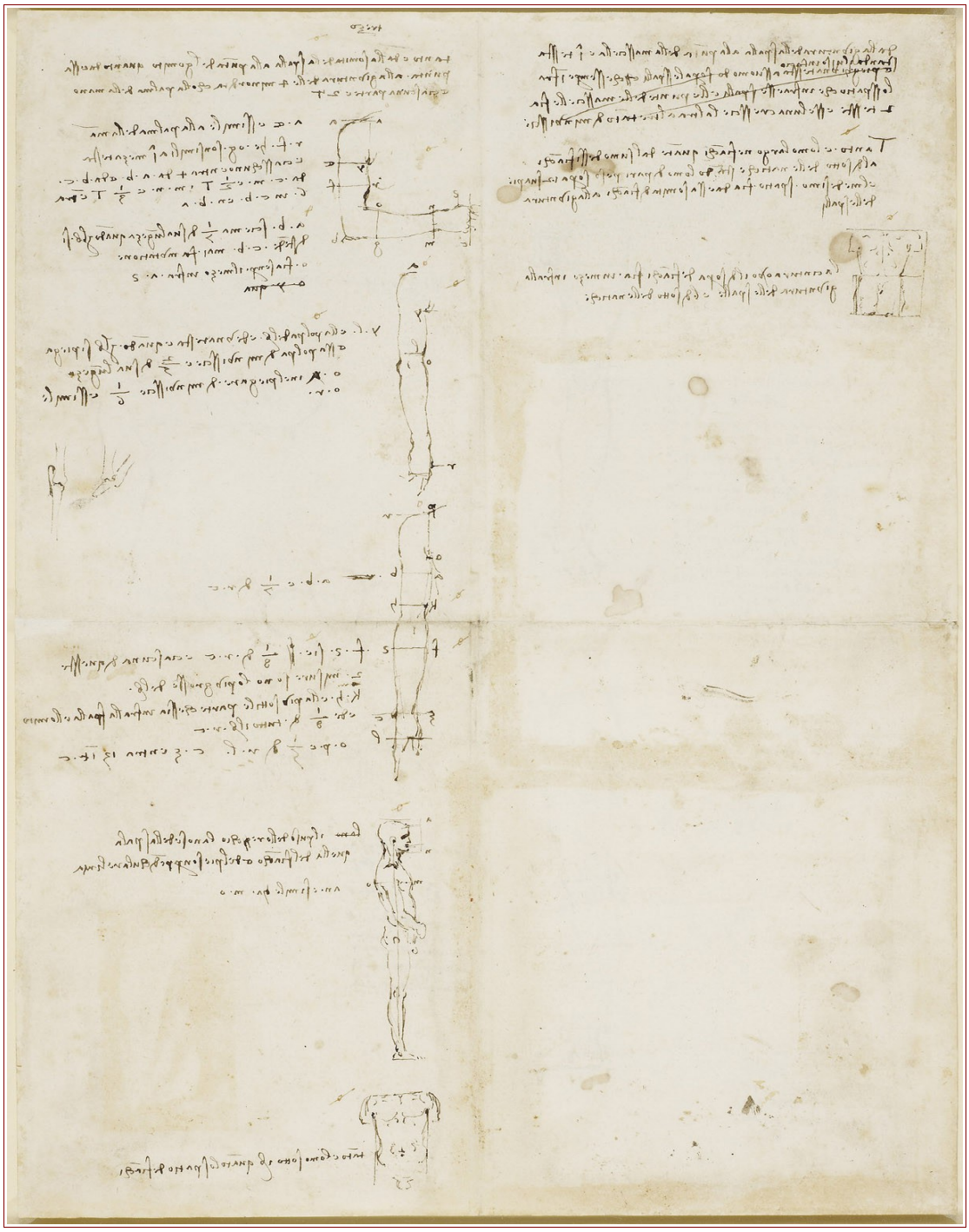


Leonardo da Vinci



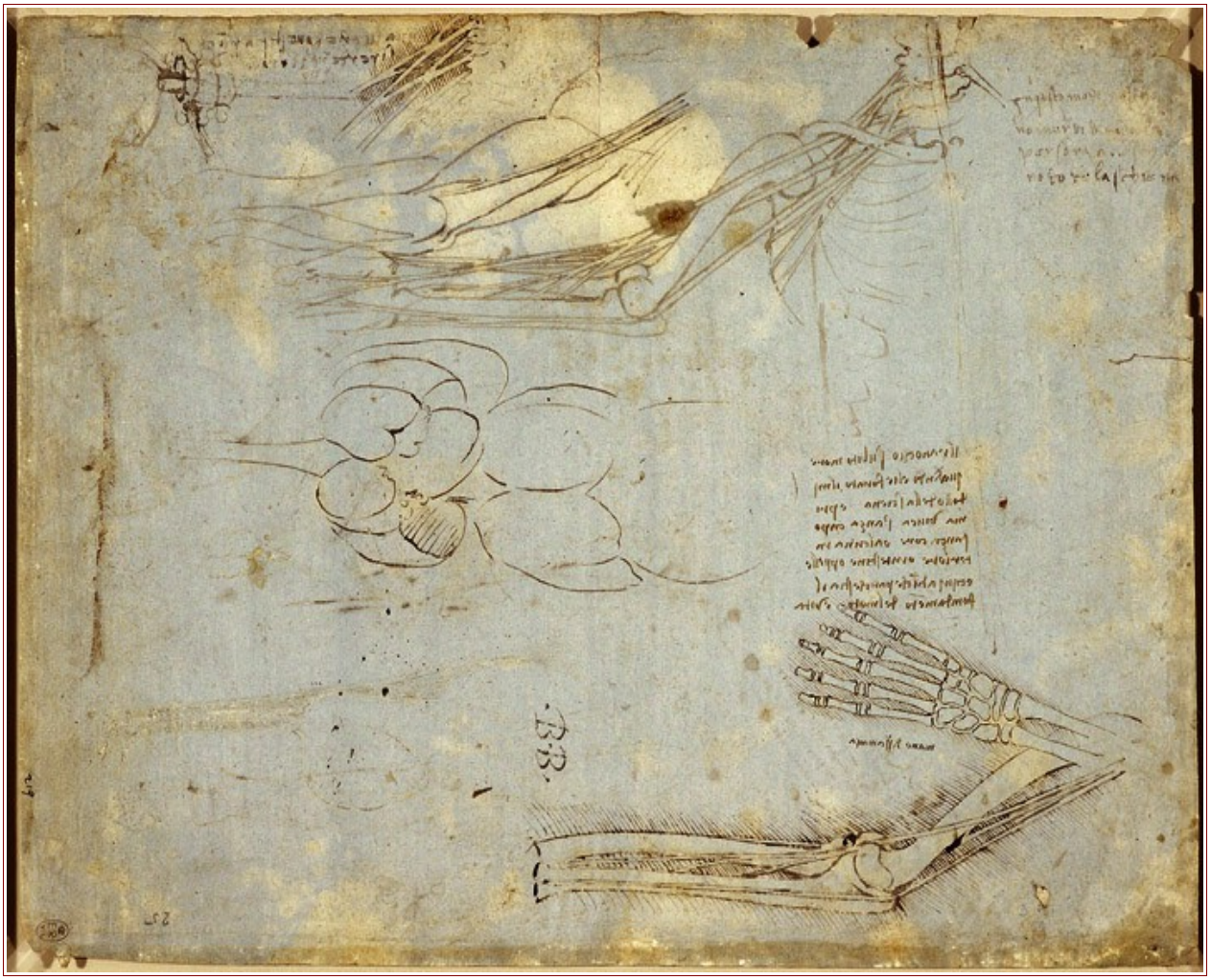
Leonardo da Vinci

Leonardo da Vinci

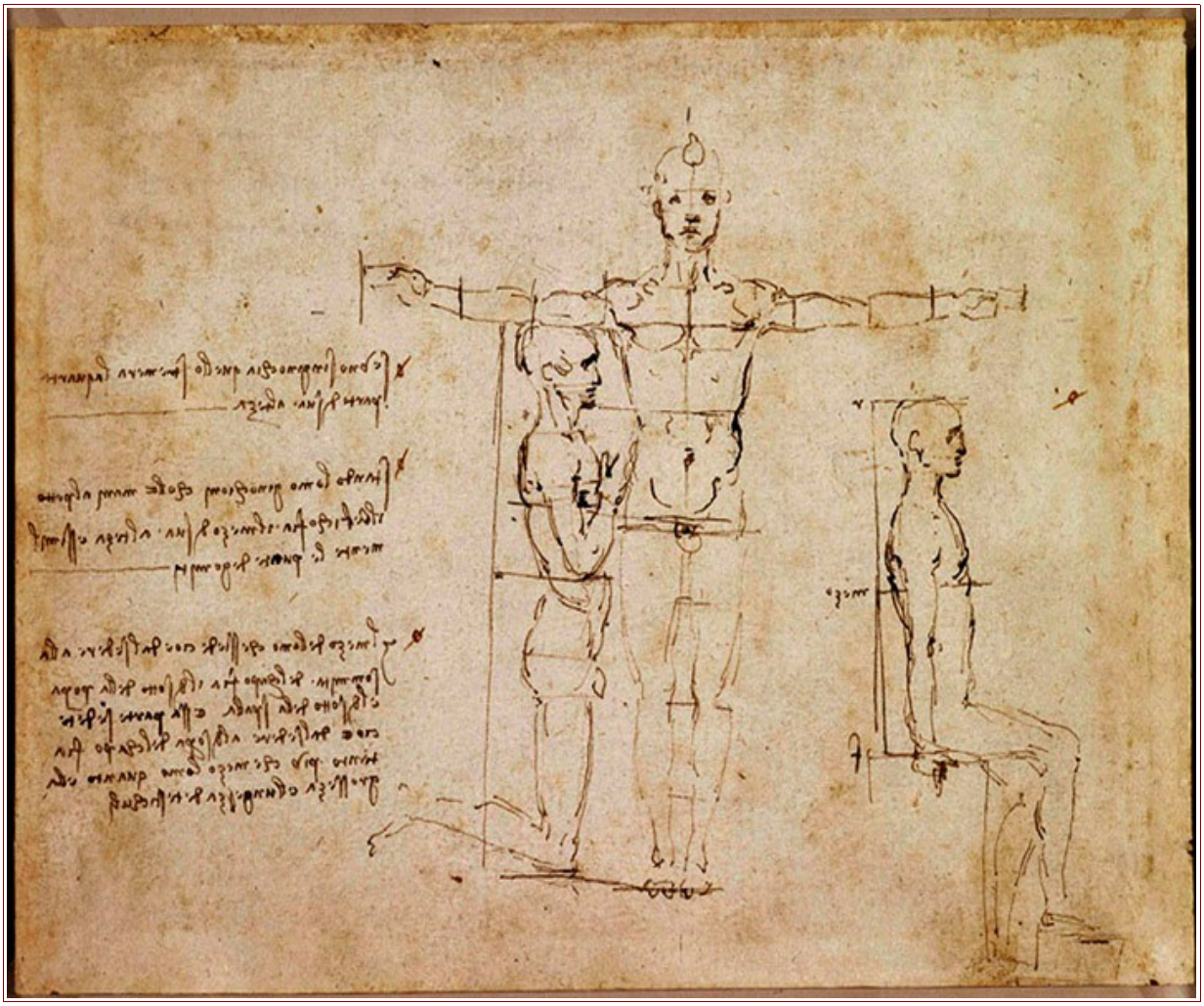


Leonardo da Vinci

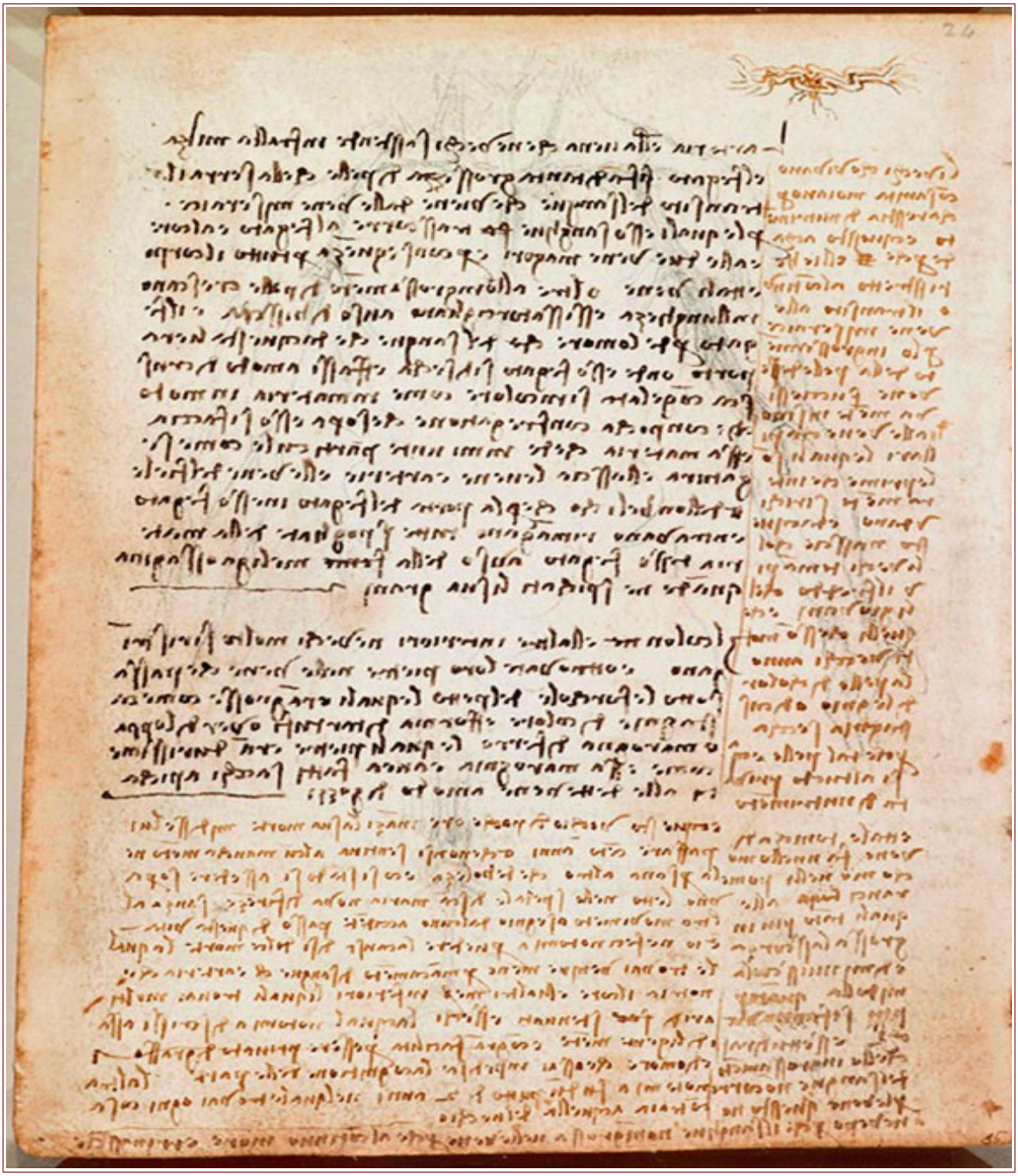
Leonardo da Vinci



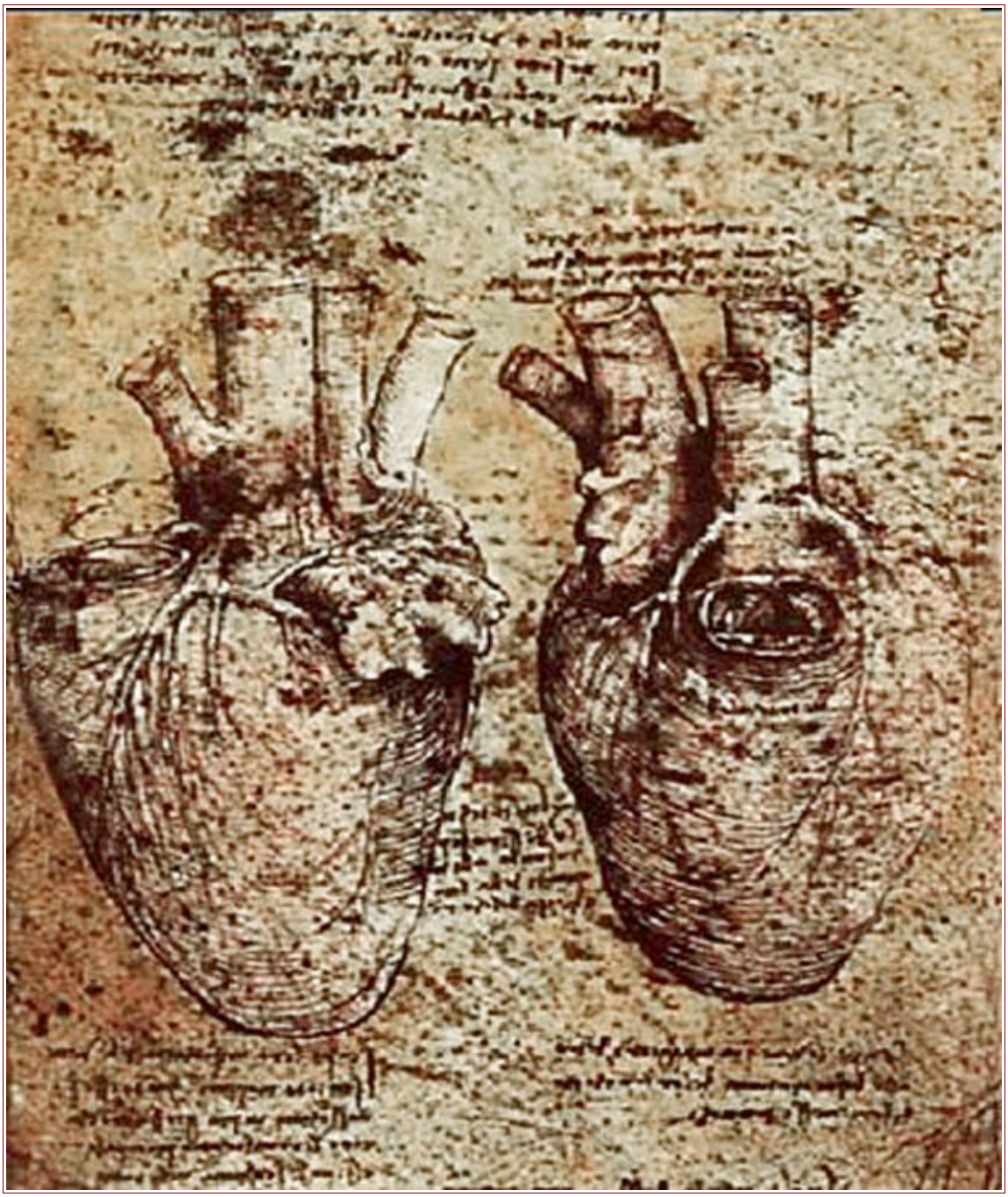
Leonardo da Vinci



Leonardo da Vinci

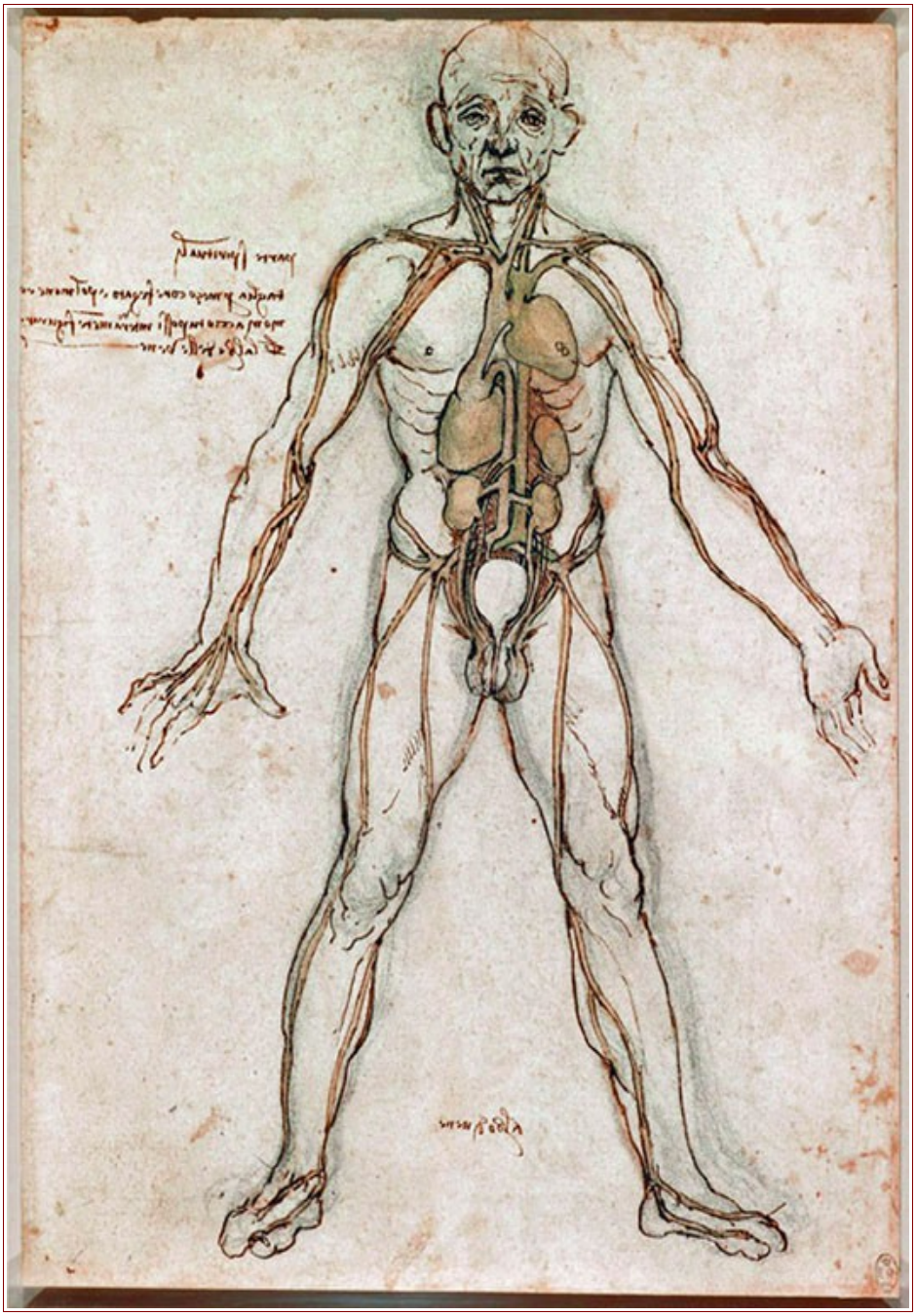


Zmiany Somatyczne. Żyły w zaawansowanym wieku.
Veins of the Arms (somatic changes in an old age).
Leonardo da Vinci

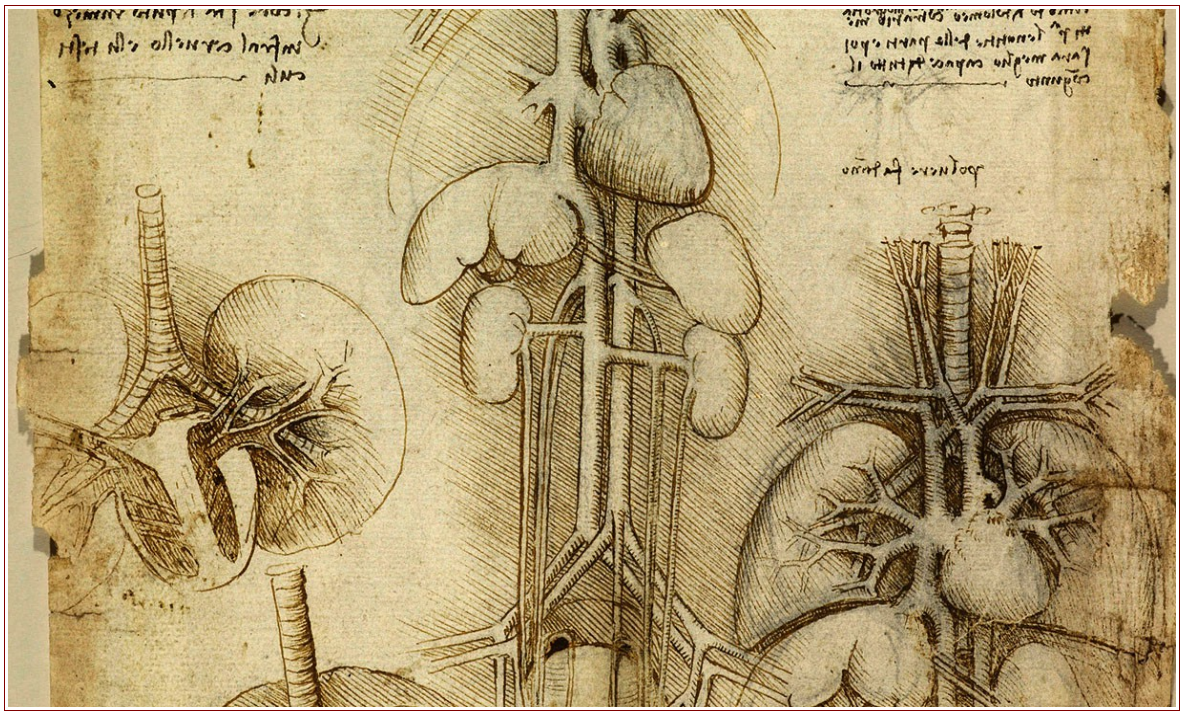


Leonardo da Vinci

Leonardo da Vinci



Leonardo da Vinci



Leonardo da Vinci

Leonardo da Vinci

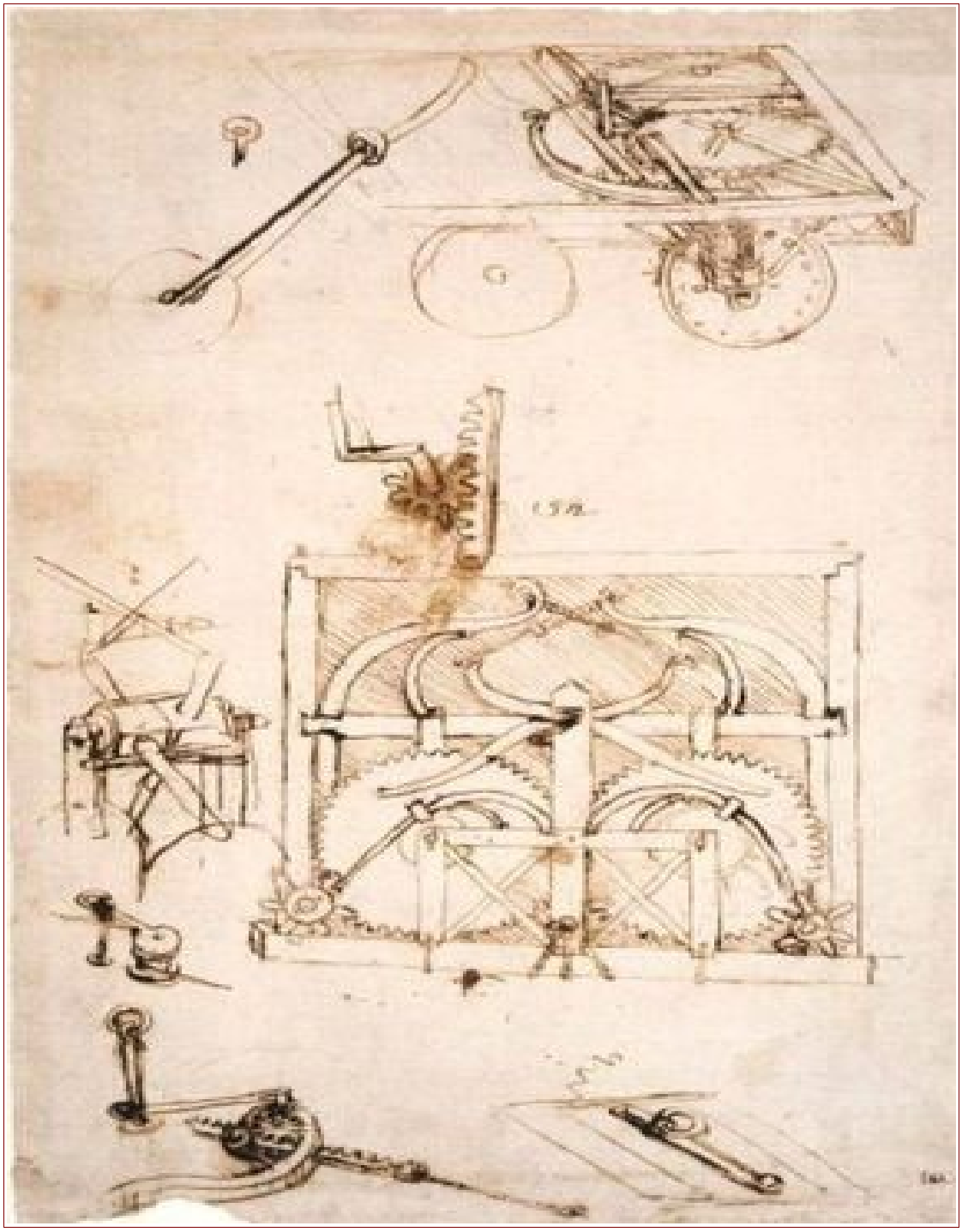
Szkice

Techniczne

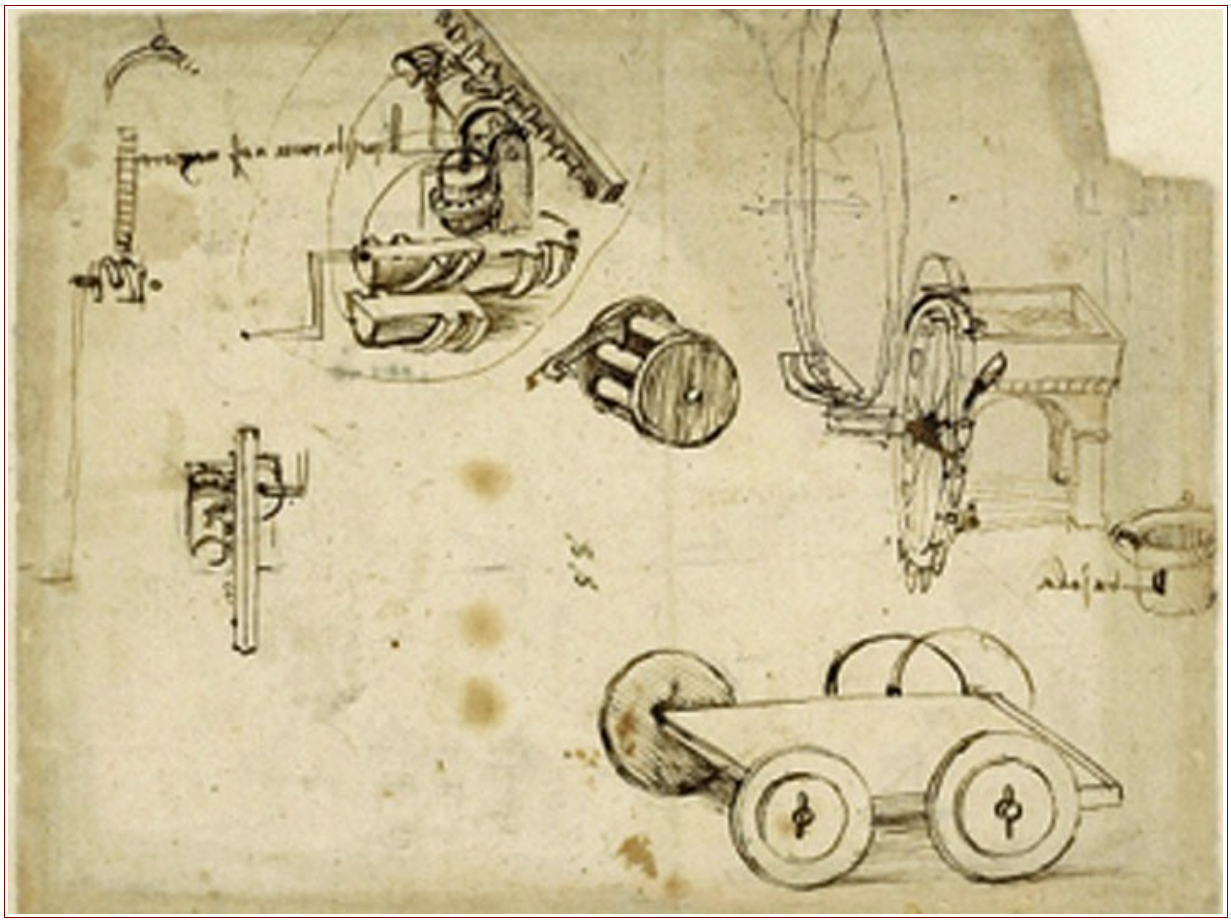
Maszyny

Technical Drawings

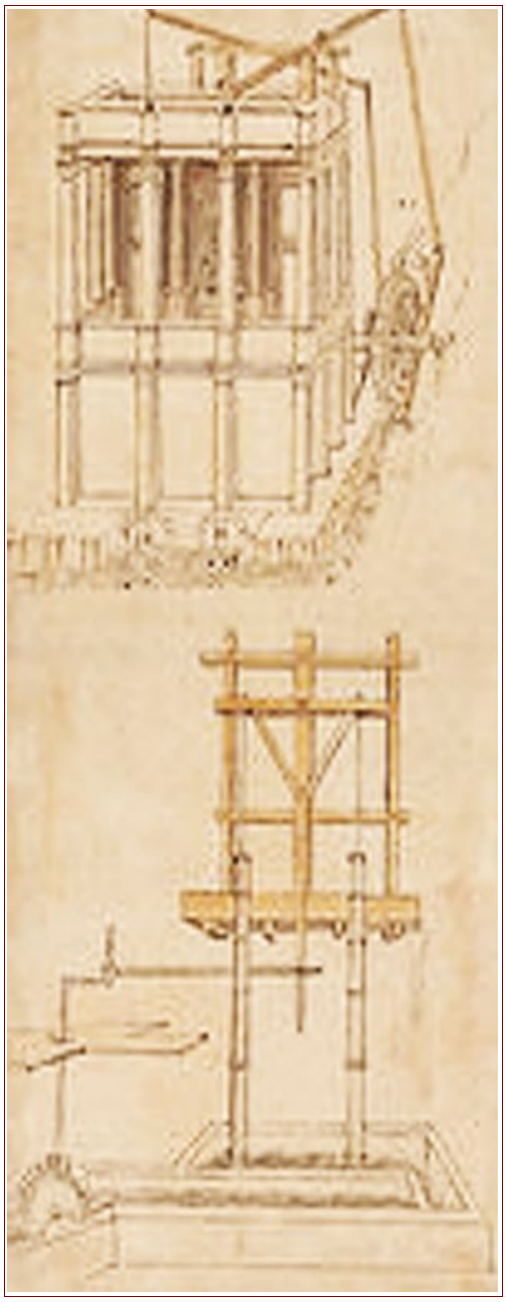
Leonardo da Vinci



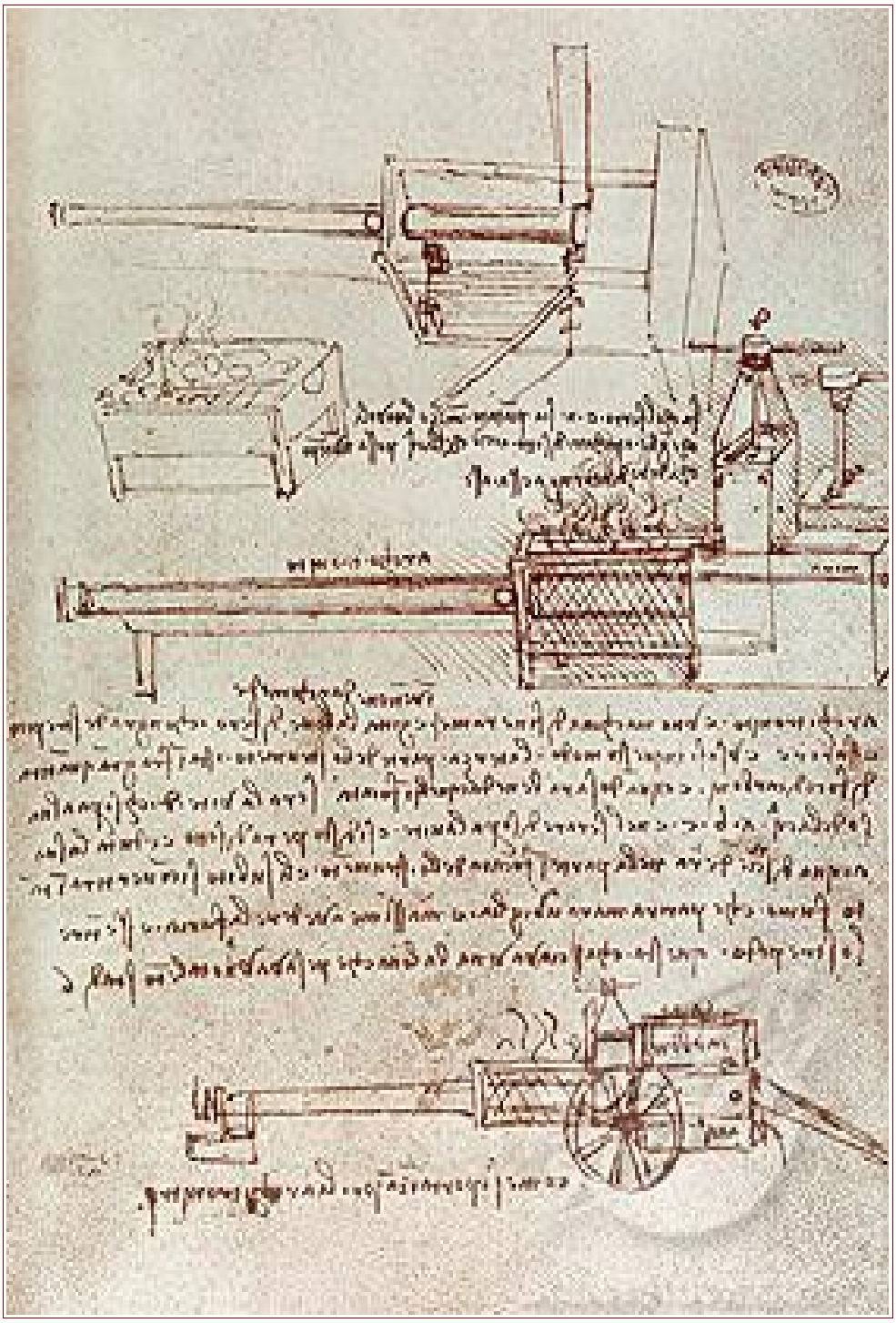
Automobil
Automobile
Leonardo da Vinci



Automobile
Leonardo da Vinci



Architektura (fontanna domowa)
Architecture (indoor fountain)
Leonardo da Vinci

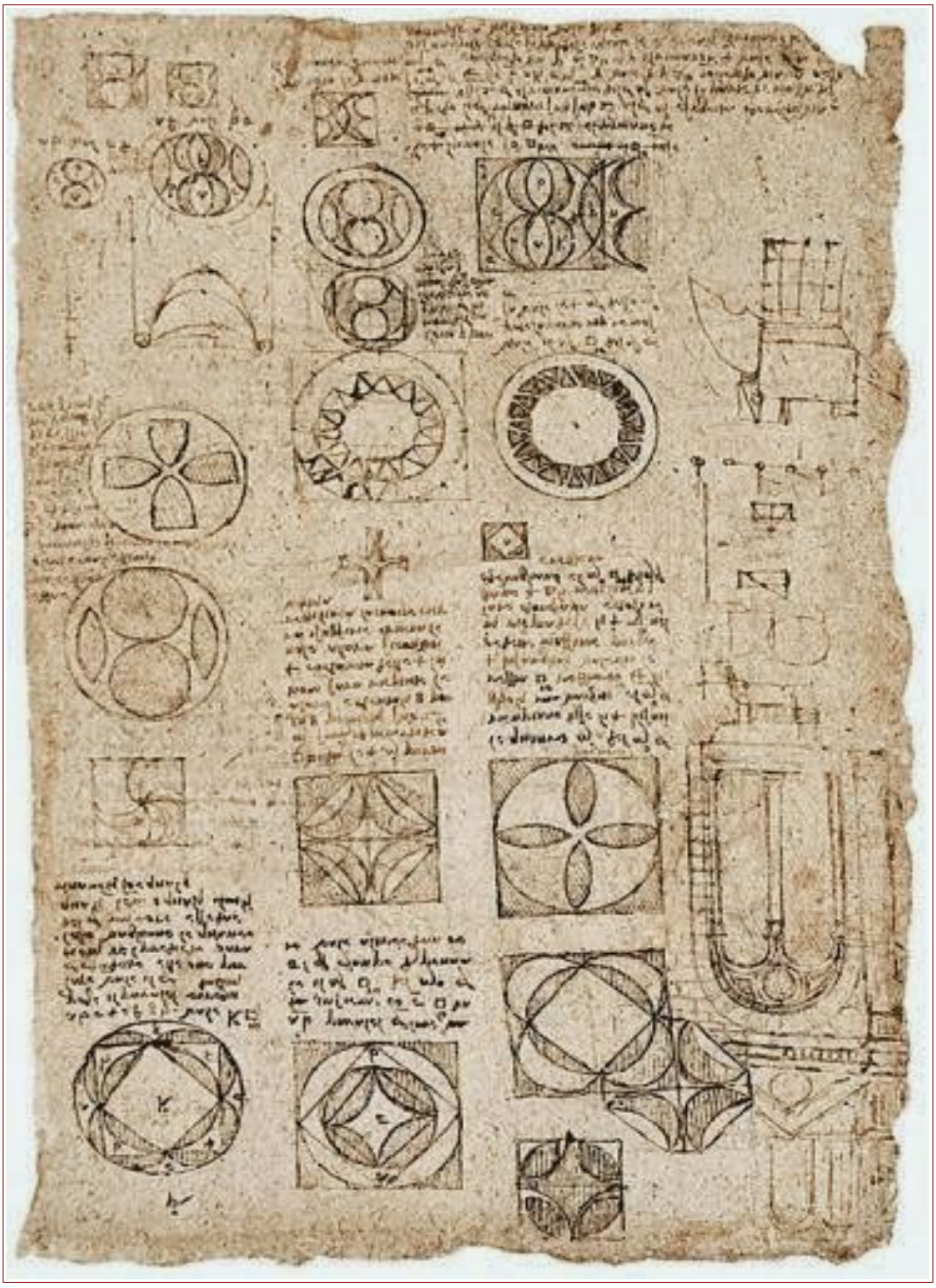


Projekty Użytkowe
Practical Projects
Leonardo da Vinci

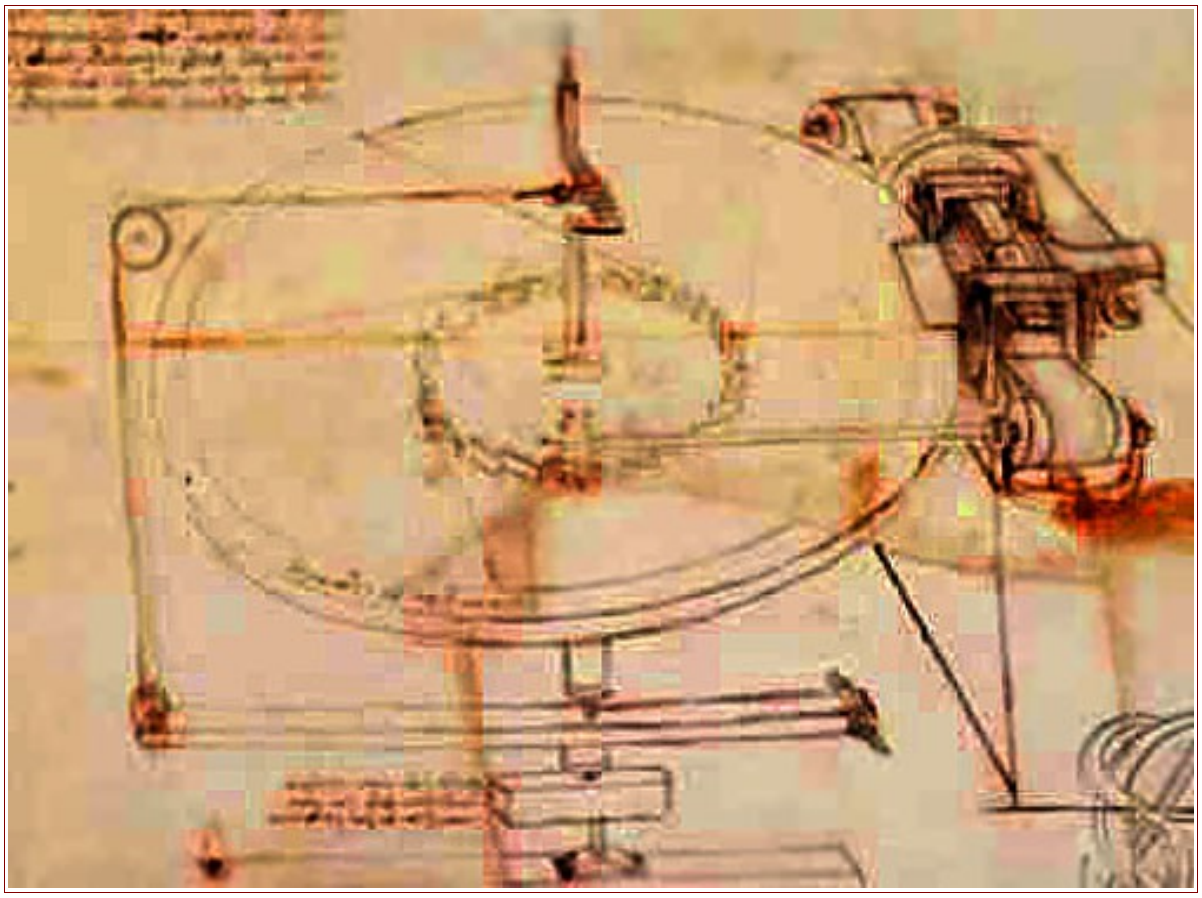
Studium Lotu Ptaka
Study of Bird Flight
Leonardo da Vinci

Codex Atlanticus

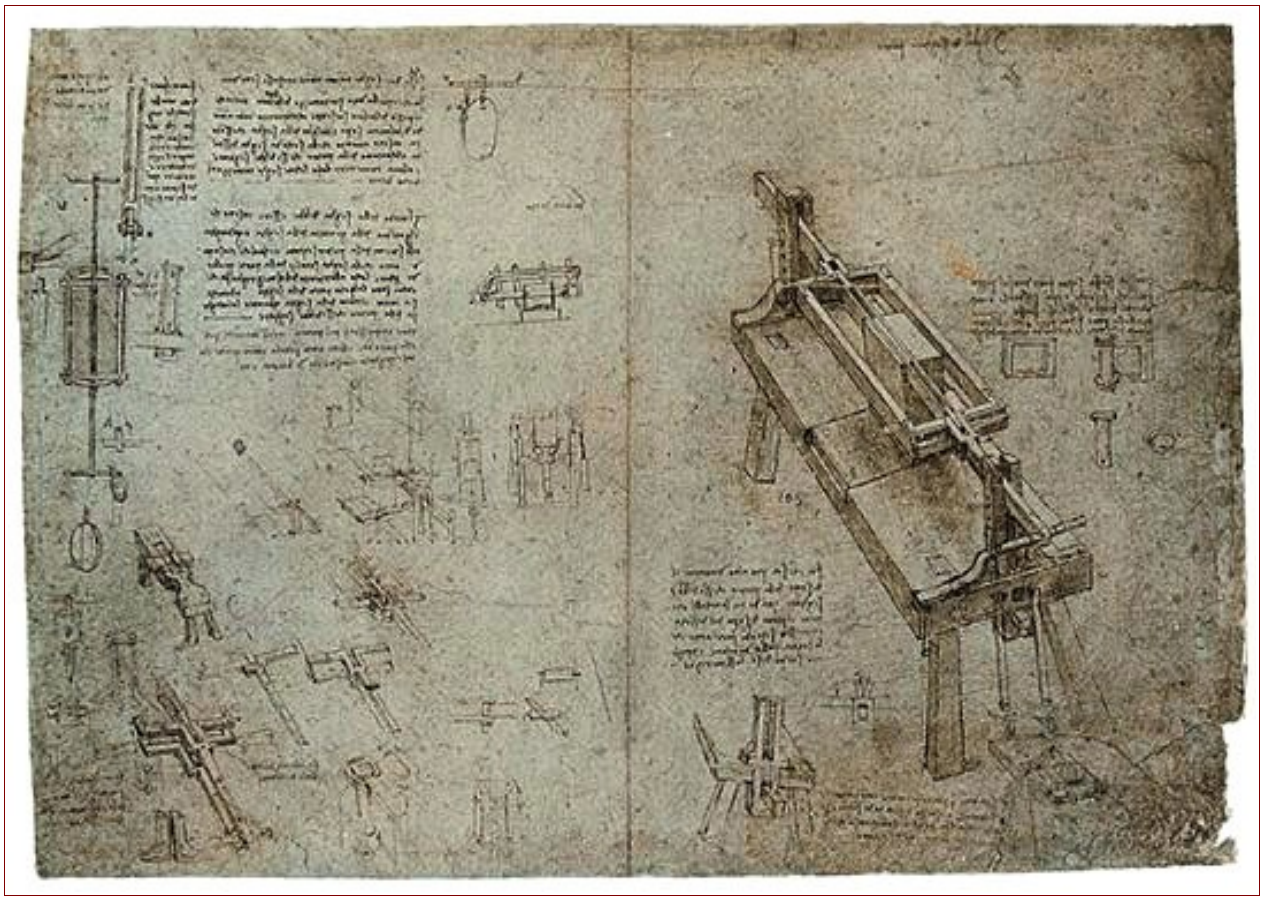
Leonardo da Vinci



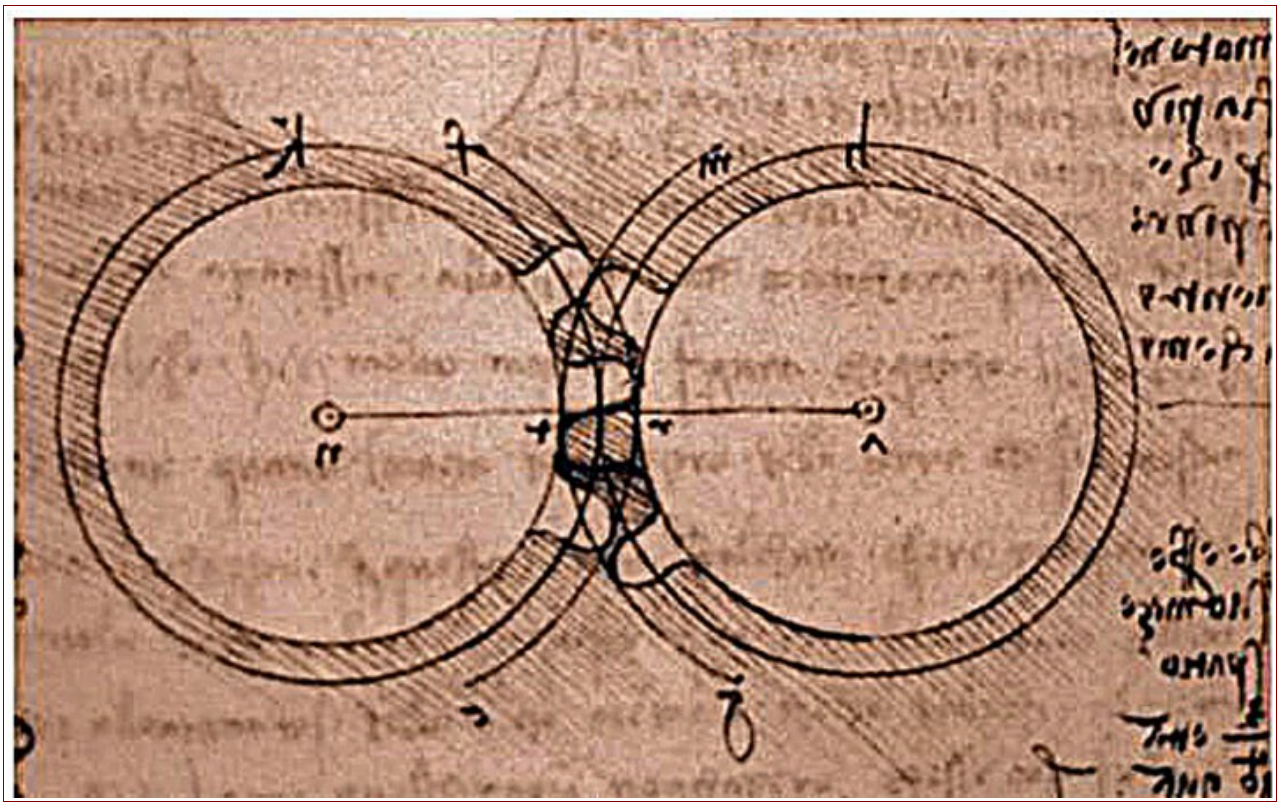
Codex Atlanticus
Leonardo da Vinci



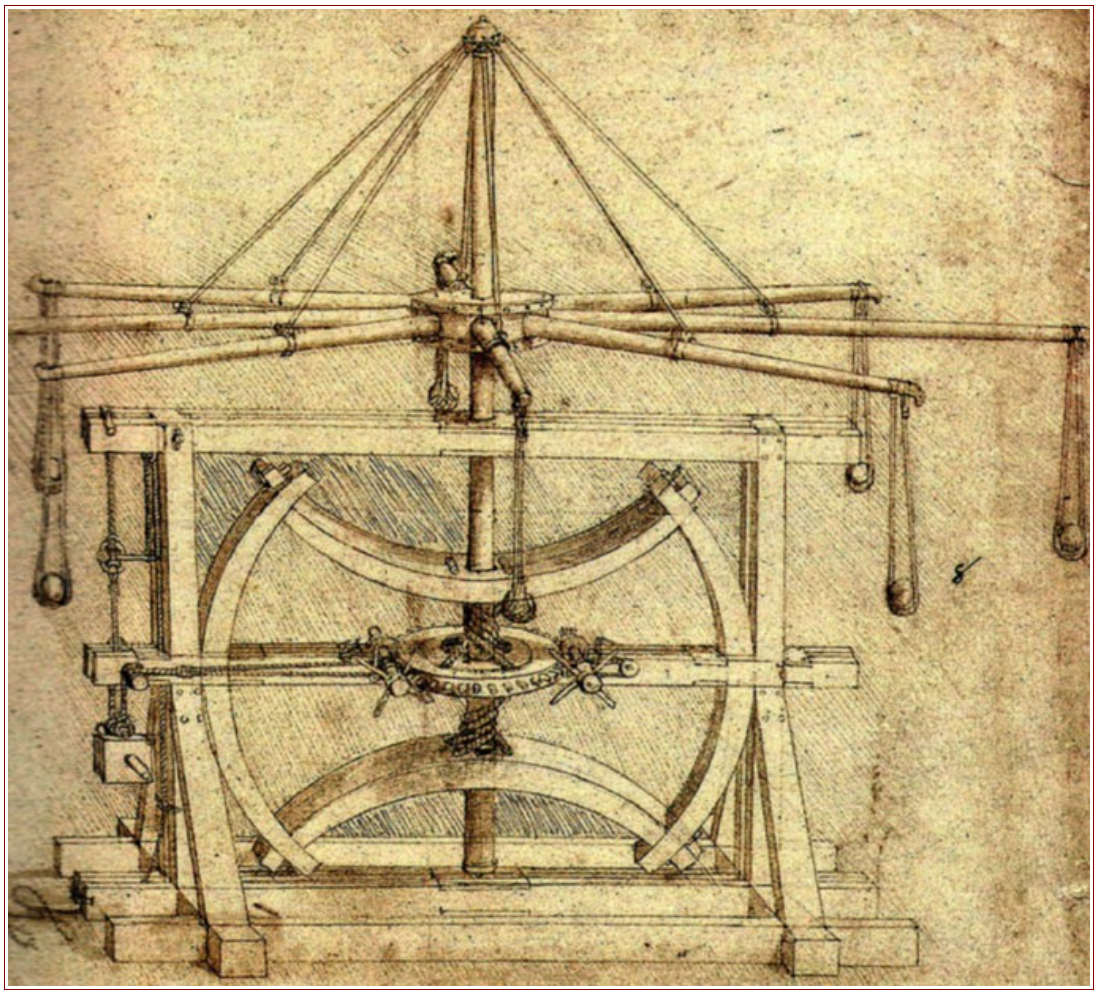
Codex Atlanticus
Leonardo da Vinci



Codex Atlanticus
Leonardo da Vinci

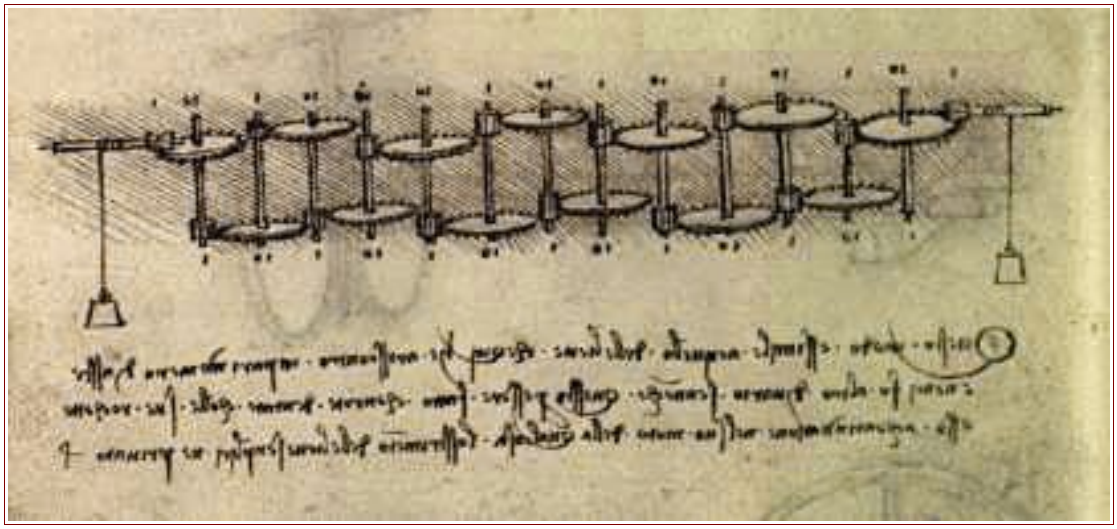


Przekładnia Mechaniczna
Gears
Codex Madrid
Leonardo da Vinci

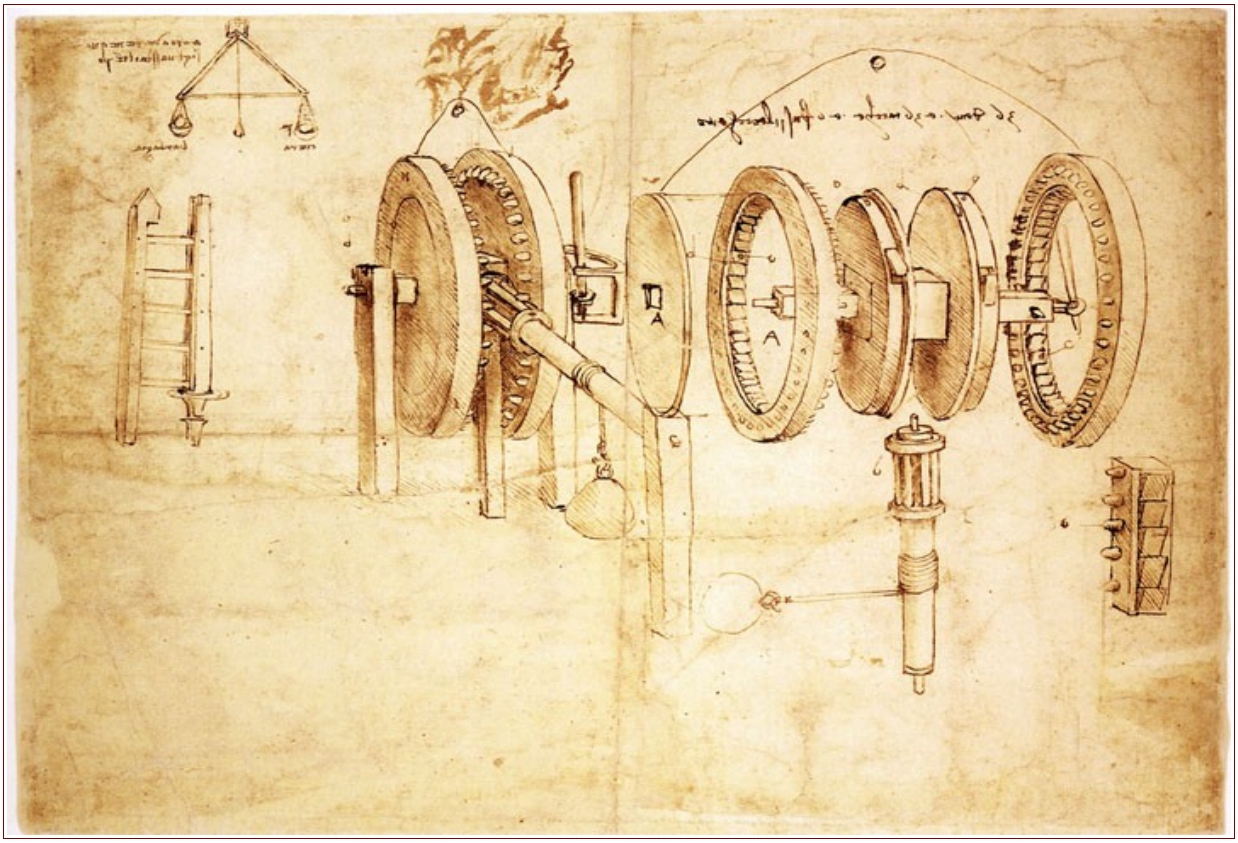


Leonardo da Vinci

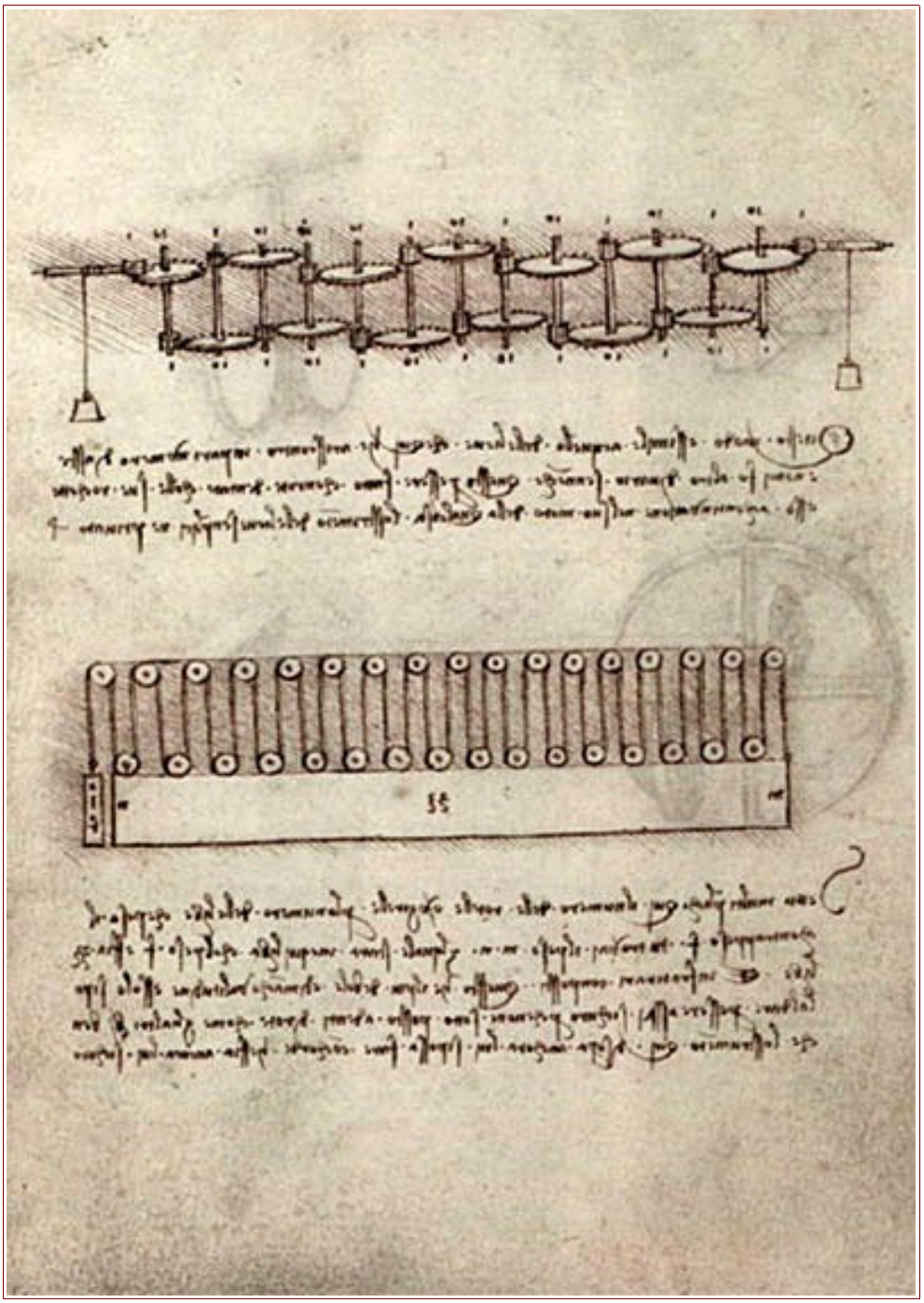
Urządzenie do Oddychania pod Woda
Under Water Breathing Apparatus
Codex Arundel
Leonardo da Vinci



Maszyna Licząca
Calculating Machine
Codex Atlanticus
Leonardo da Vinci

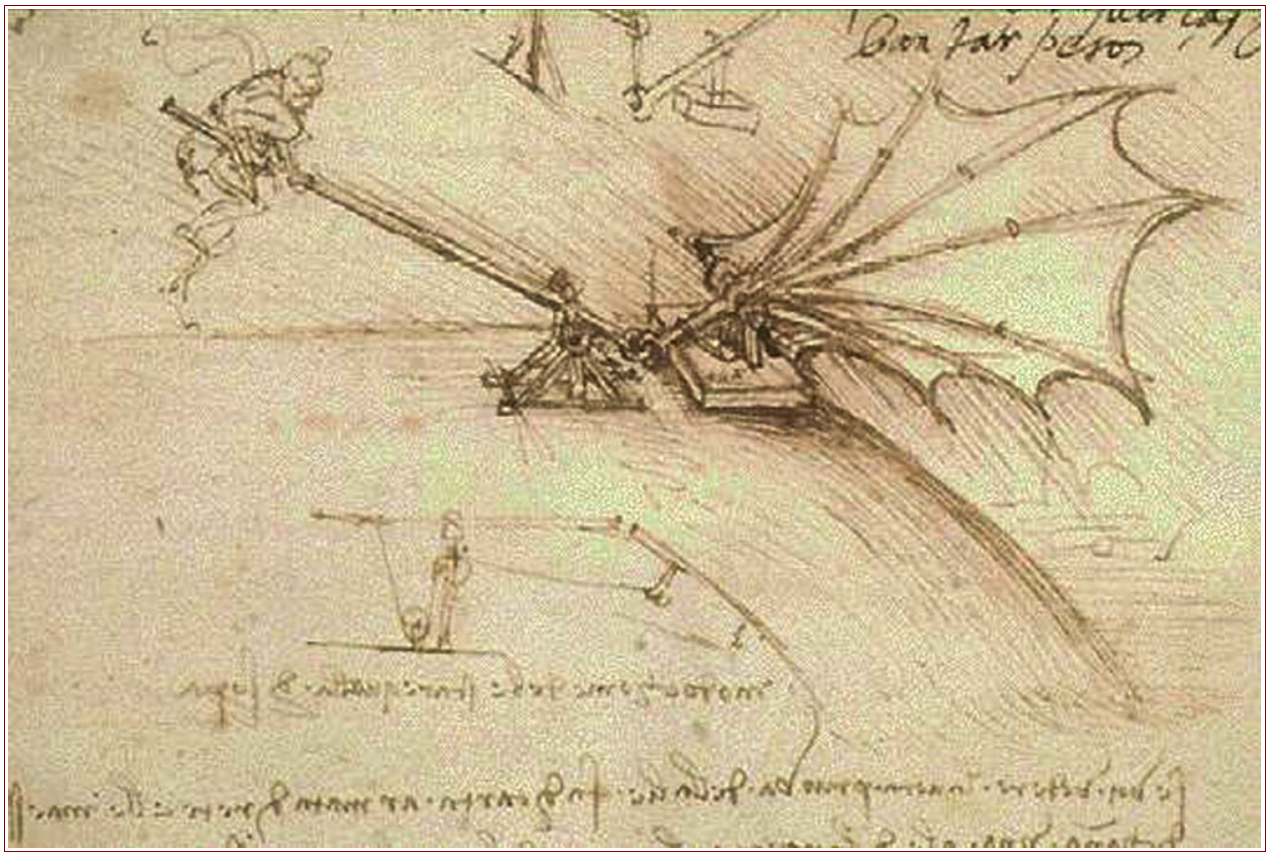


Maszyna do Kalkulacji Matematycznej
Codex Atlanticus
Leonardo da Vinci

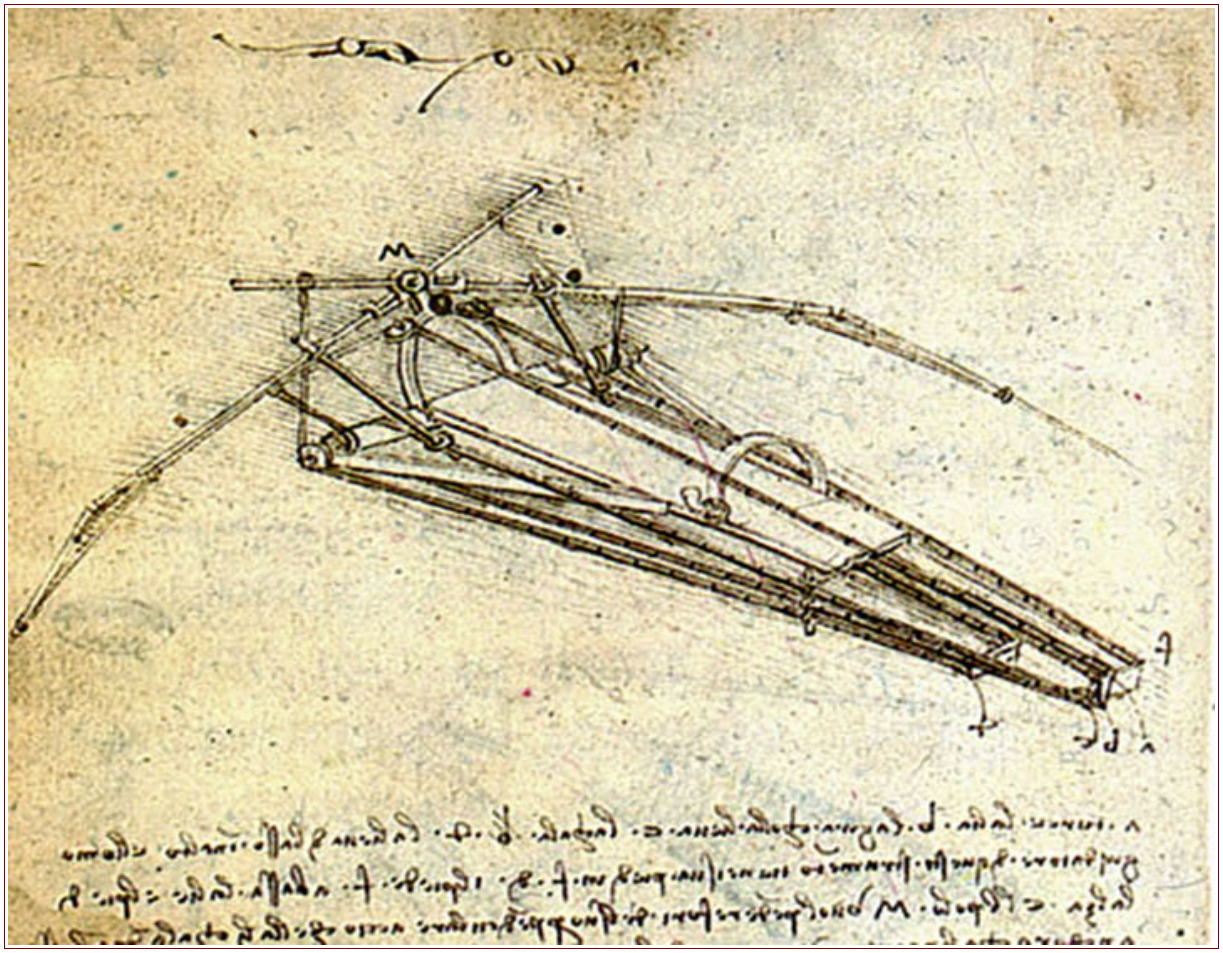


Projekt Maszyny Liczącej
Mathematical Design: Calculator
Leonardo da Vinci

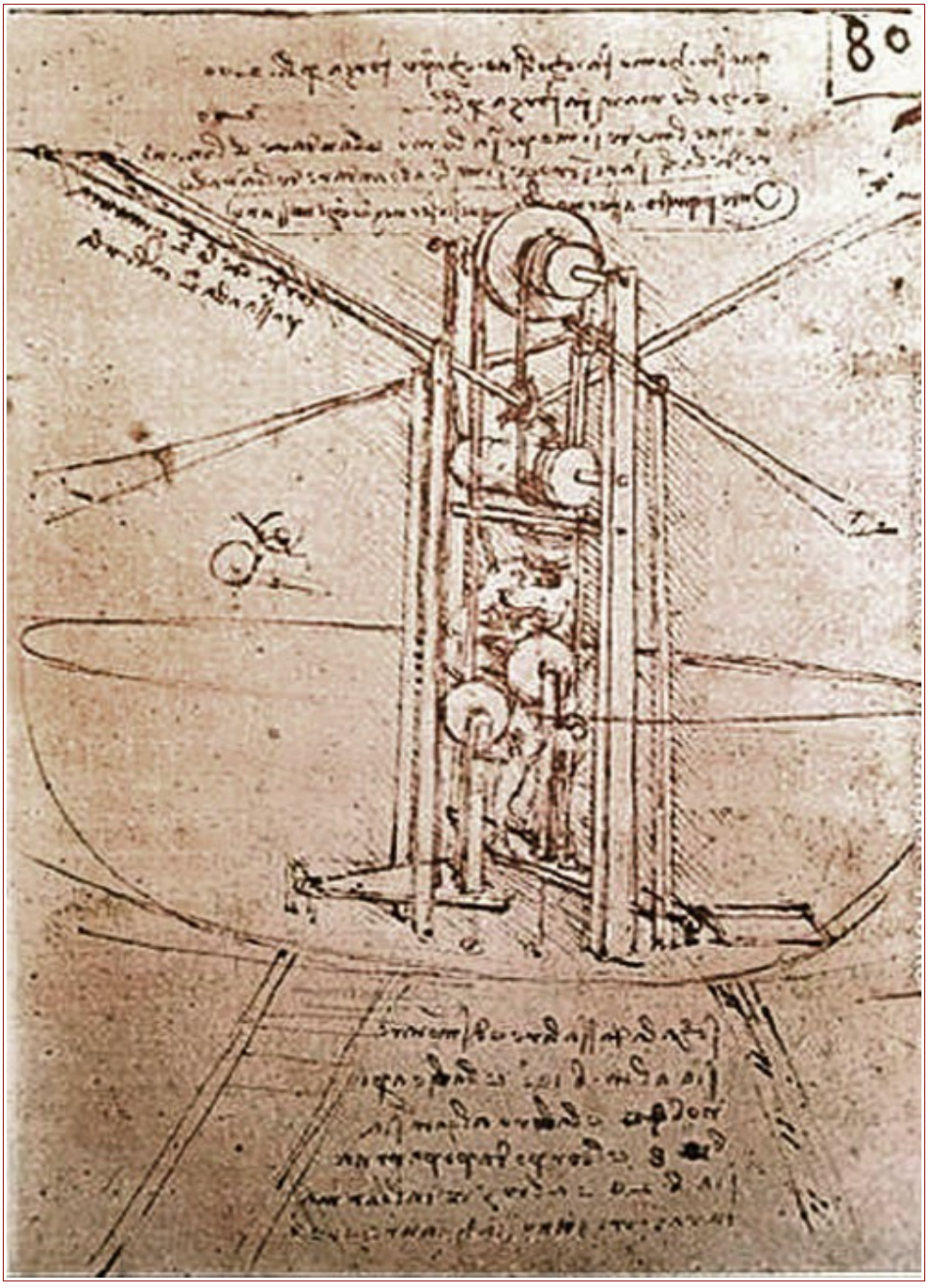
Codex Studium Lotu Ptaka (skrzydło)
Codex on the Flight of Birds
Leonardo da Vinci



Codex Studium Lotu Ptaka (skrzydło)
Codex on the Flight of Birds
Leonardo da Vinci

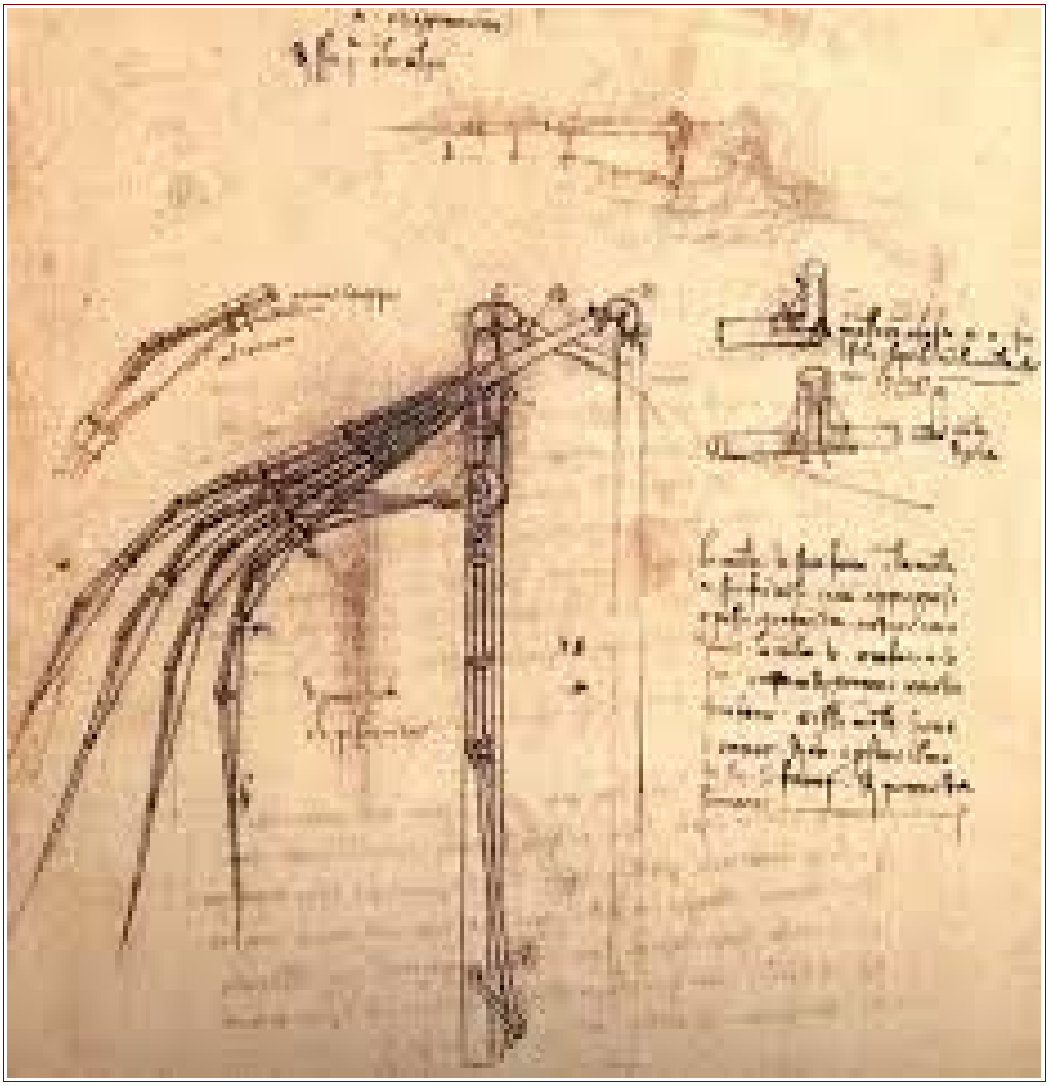


Projekt Maszyny Latającej
Design for Flying Machine
Leonardo da Vinci

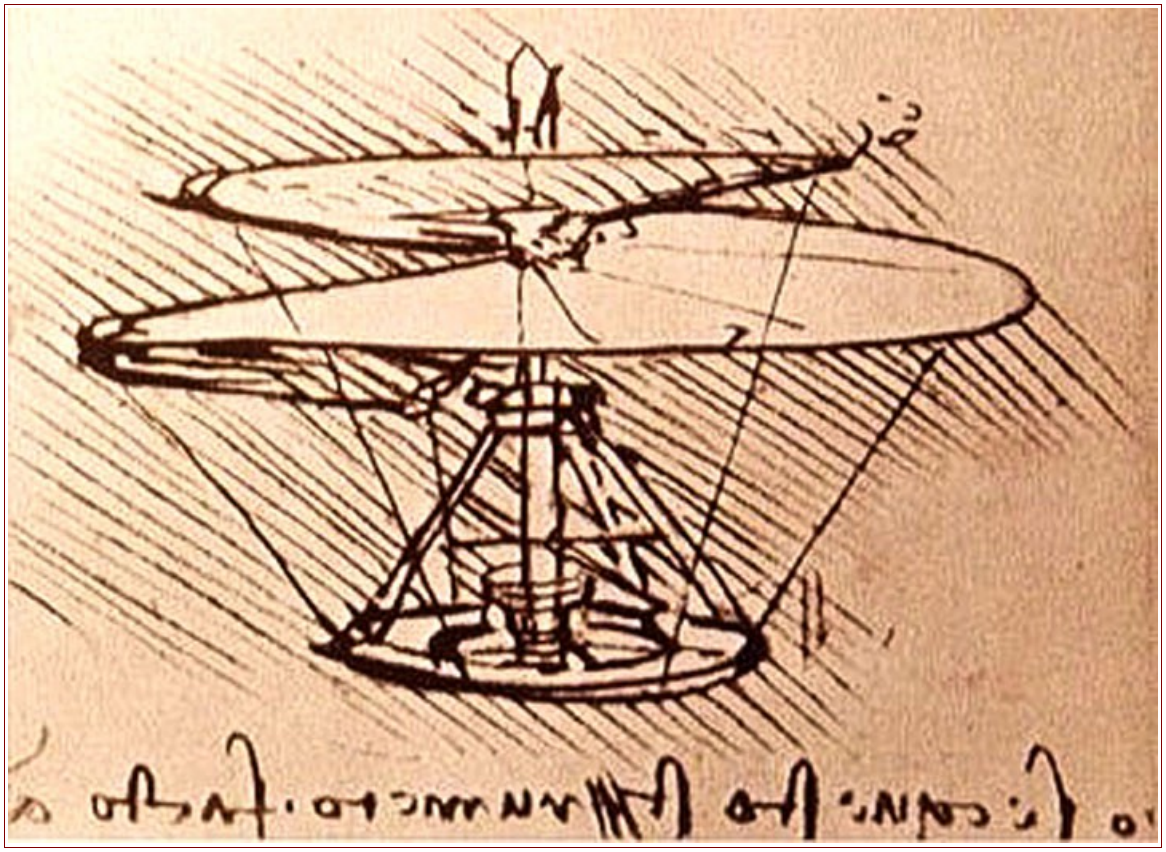


Projekt Maszyny Latającej
Flying Machine Project
Leonardo da Vinci

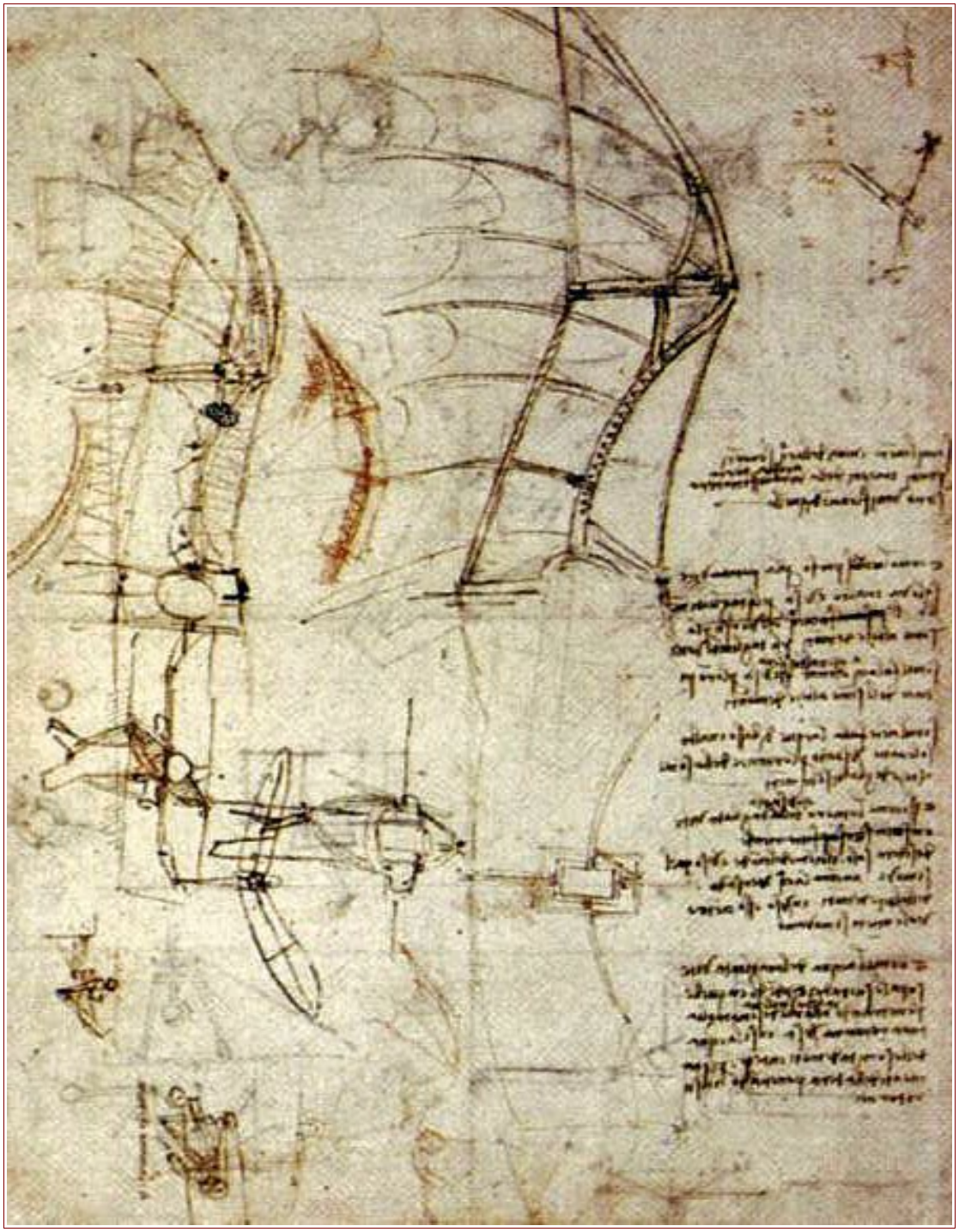
Obserwacje Lotów Ptaków
On the Flight of Birds
Leonardo da Vinci



Projekt Maszyny Latającej
Flying Machine Design
Leonardo da Vinci



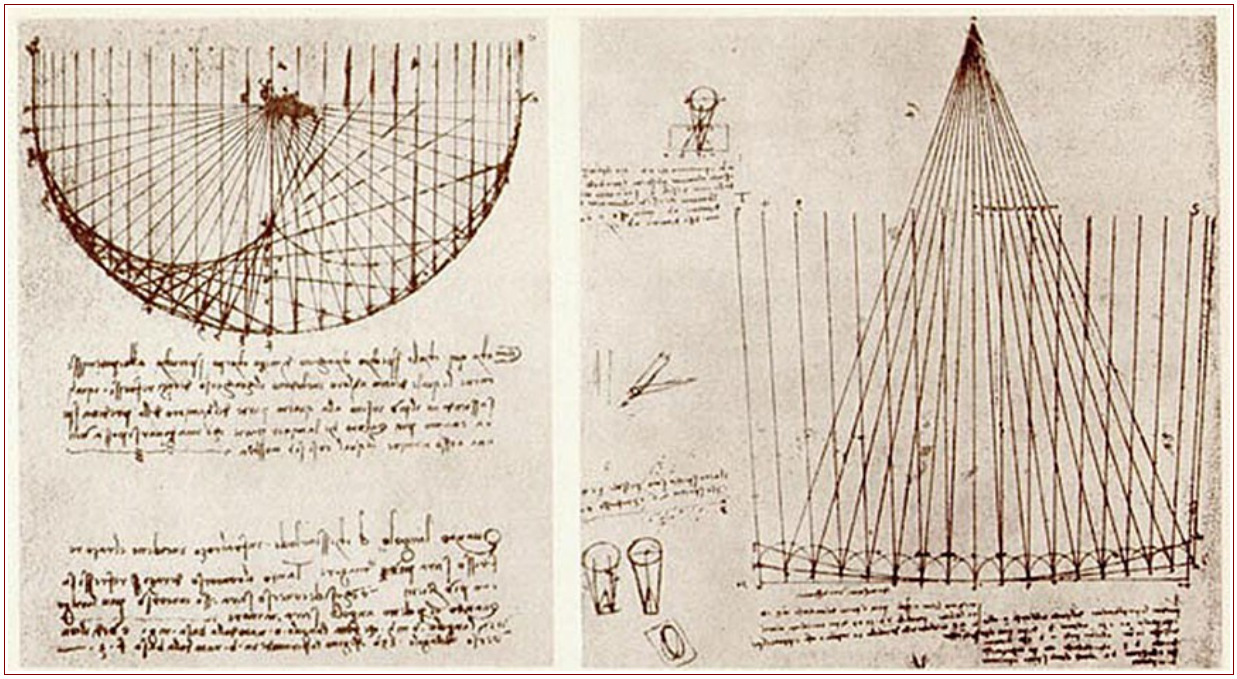
Helikopter
Helicopter Design
Codex Atlanticus



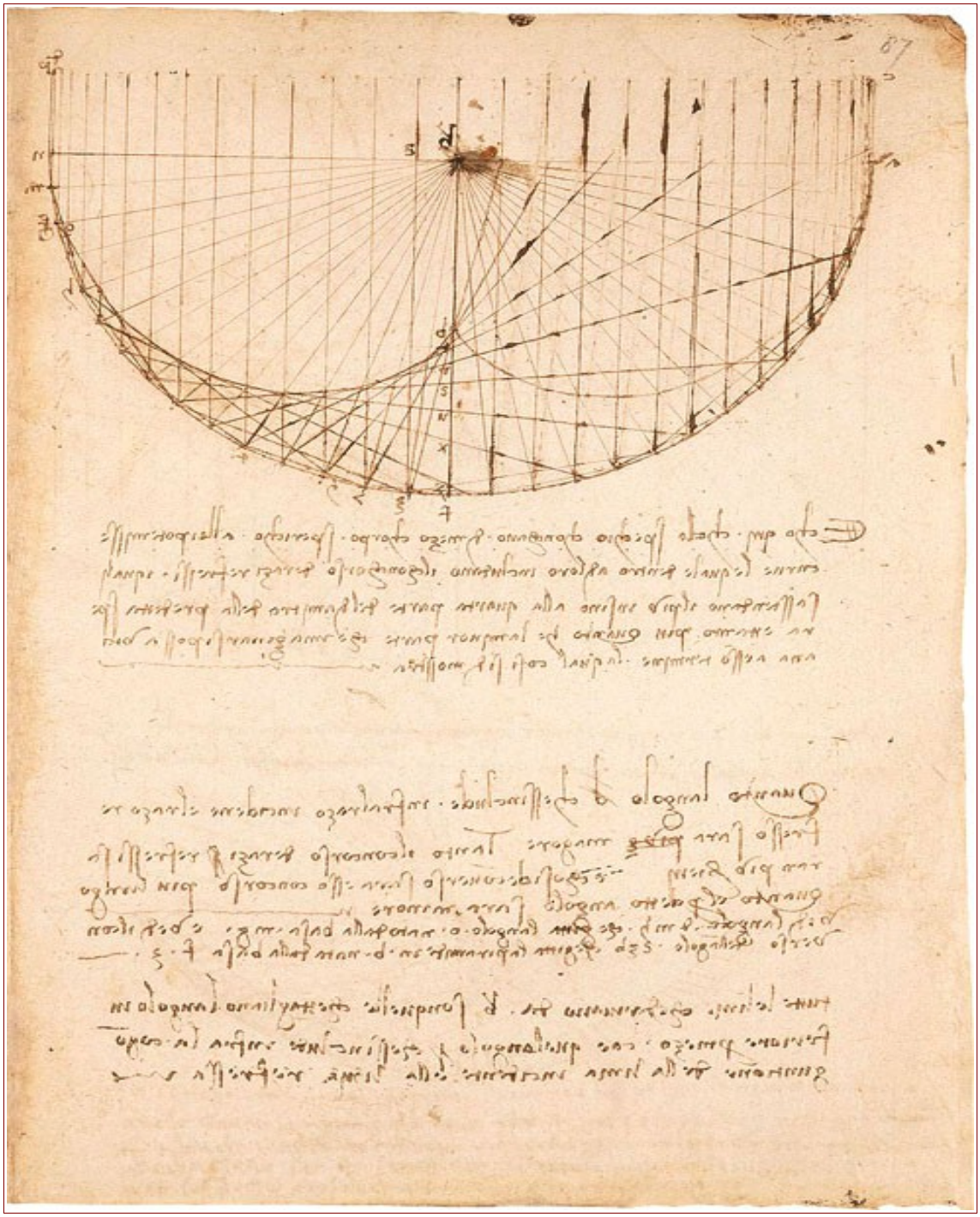
Projekt Maszyny Latajacej
Flying Machine Design
Leonardo da Vinci

Studium Lotu Ptaka
Bird in Flight Study
Leonardo da Vinci

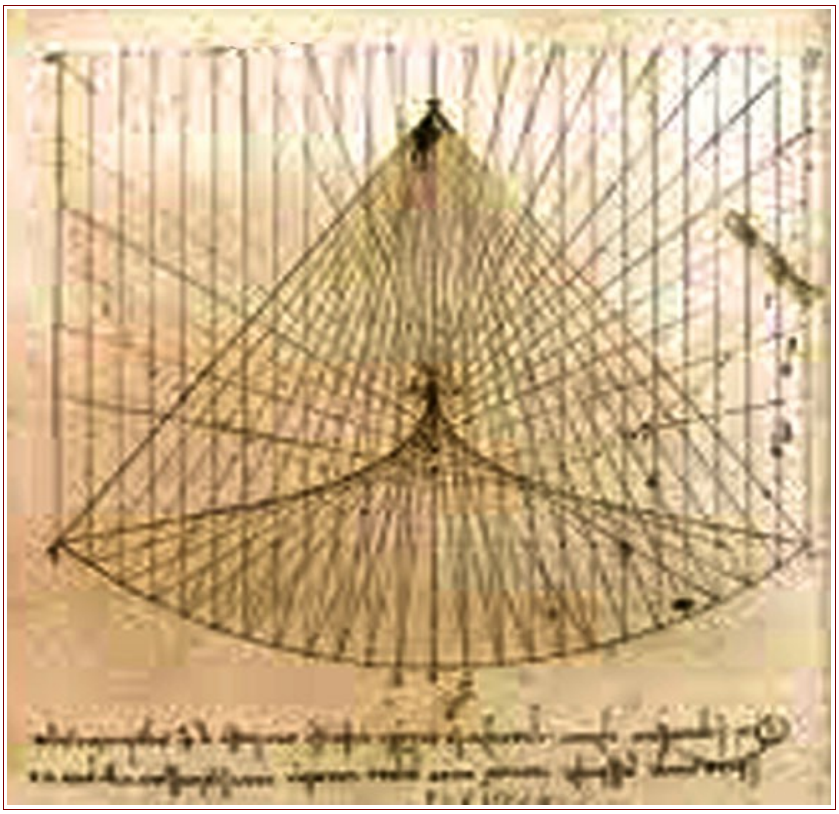
Codex Forster
Leonardo da Vinci



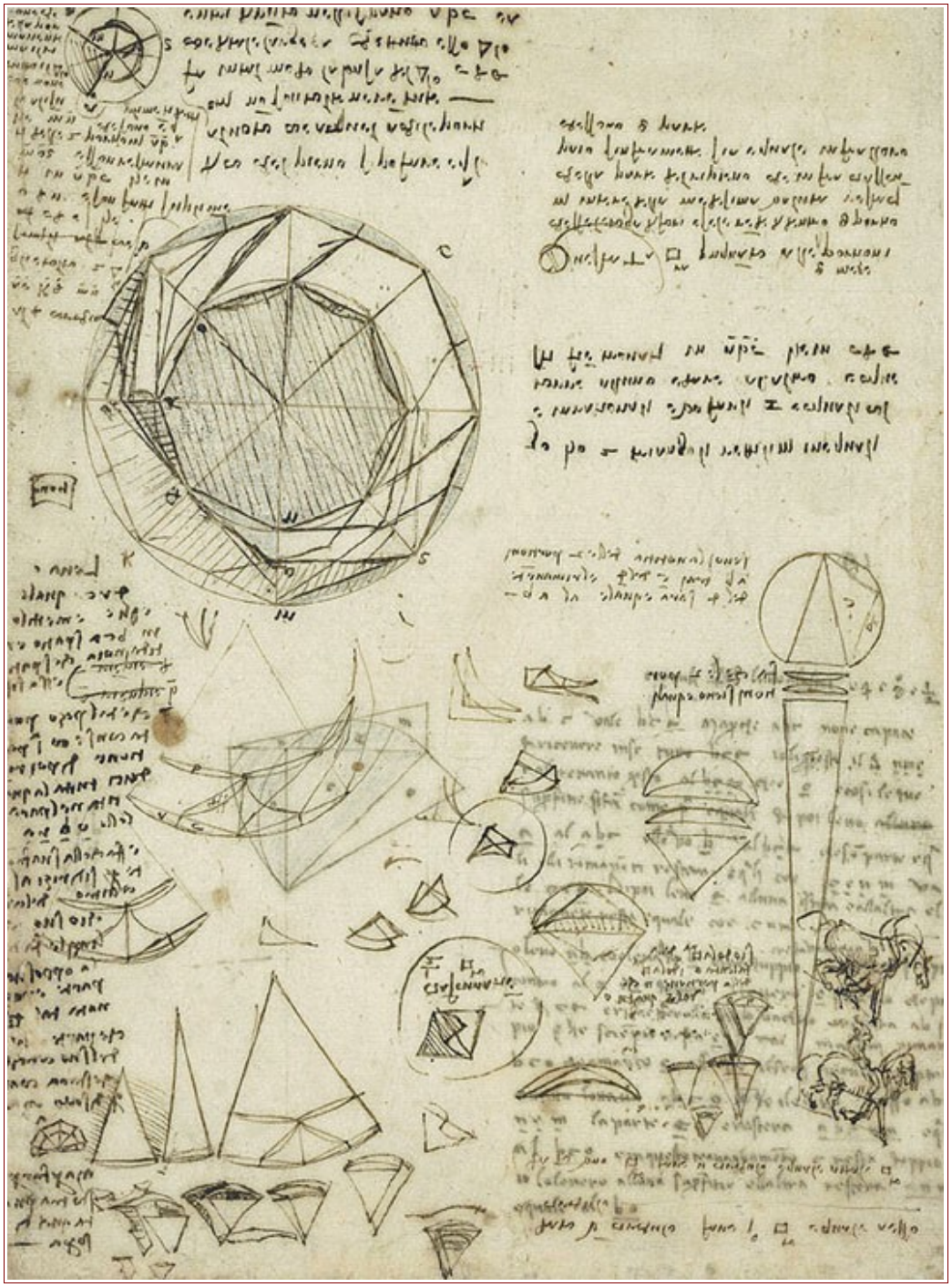
Optyka: odbicie światła w zwierciadle
Optics: reflection of light in spherical mirror
Leonardo da Vinci



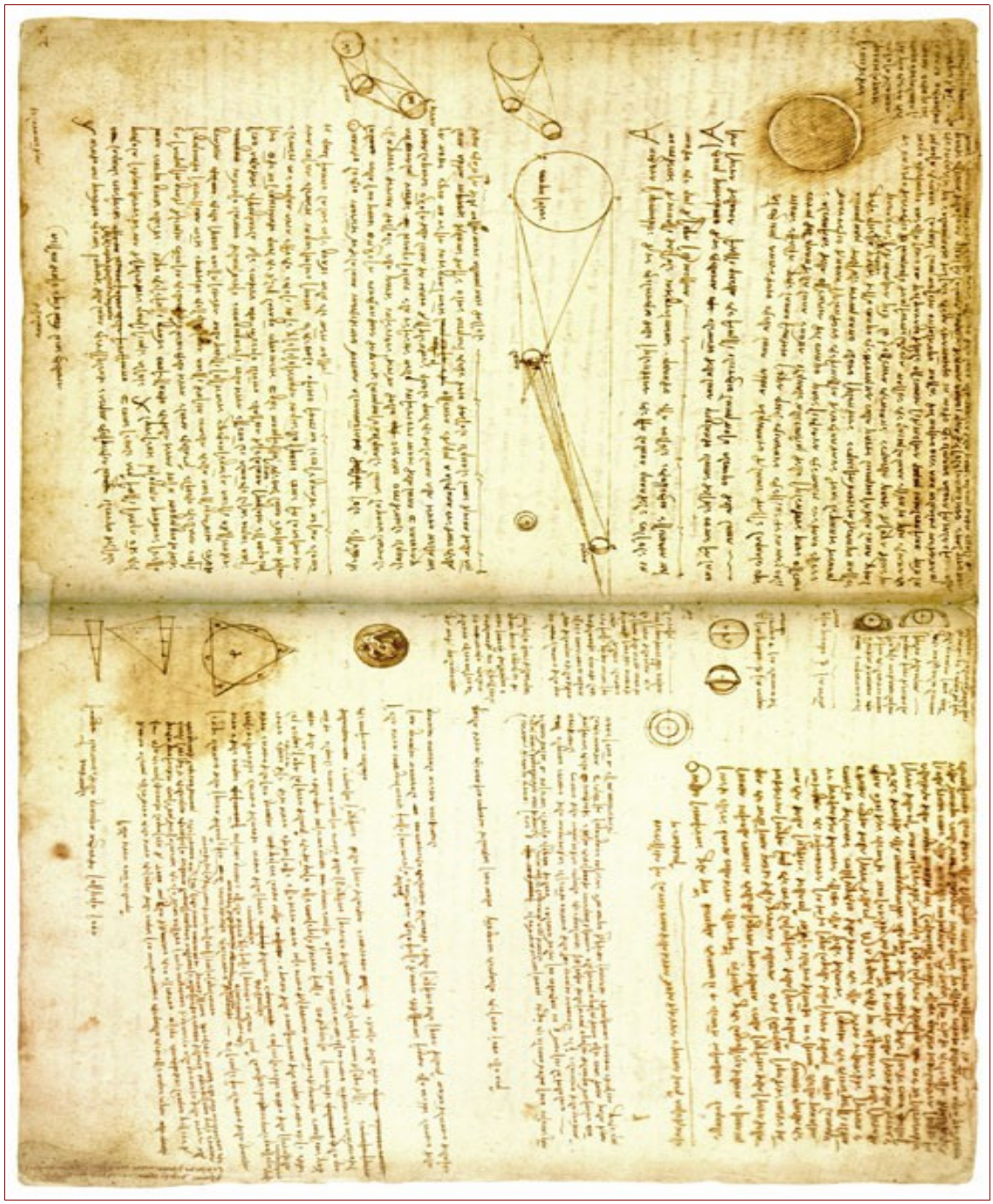
Badania nad Optyka
Study of Optics
Leonardo da Vinci



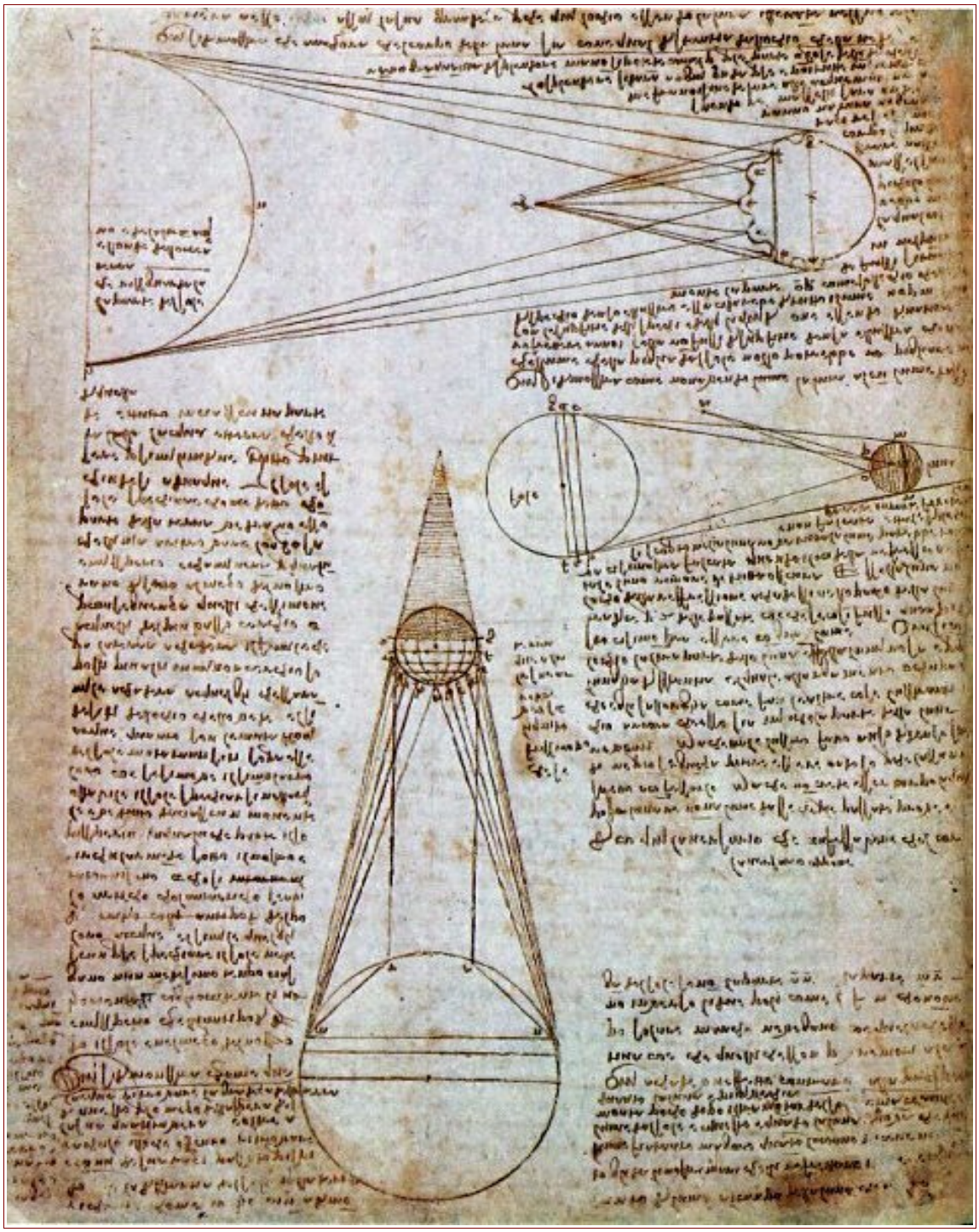
Leonardo da Vinci



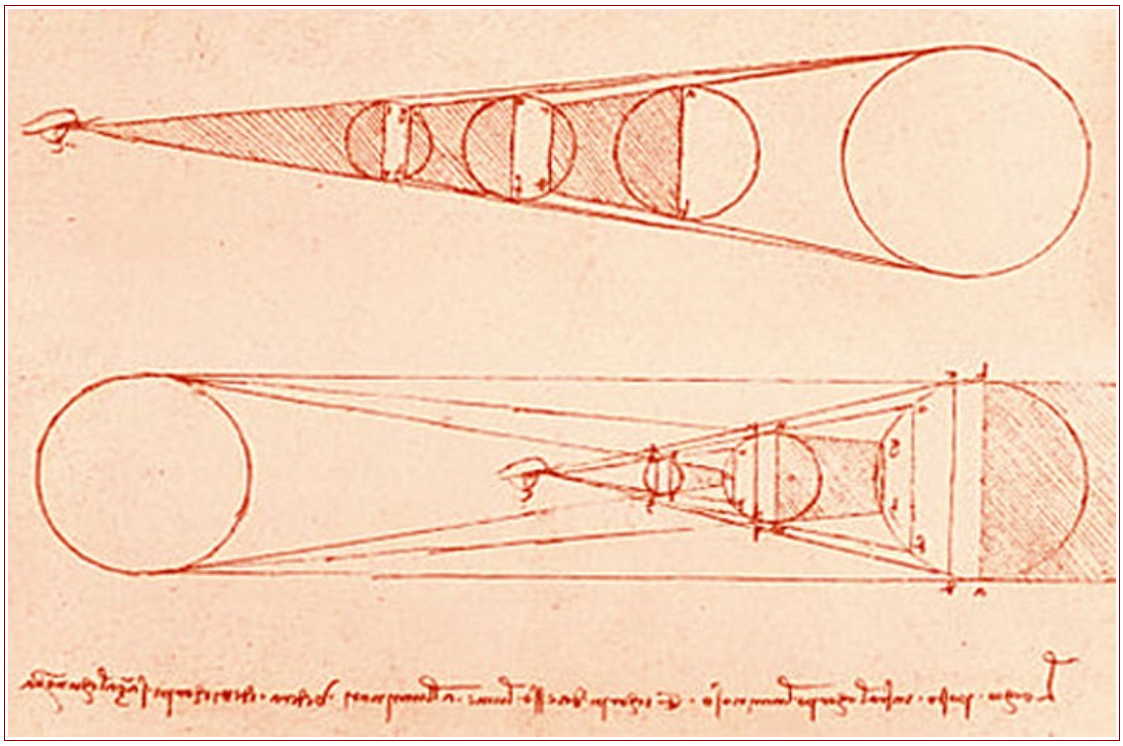
Kompozycja Okręgu
Composition of a Circle
Codex Atlanticus



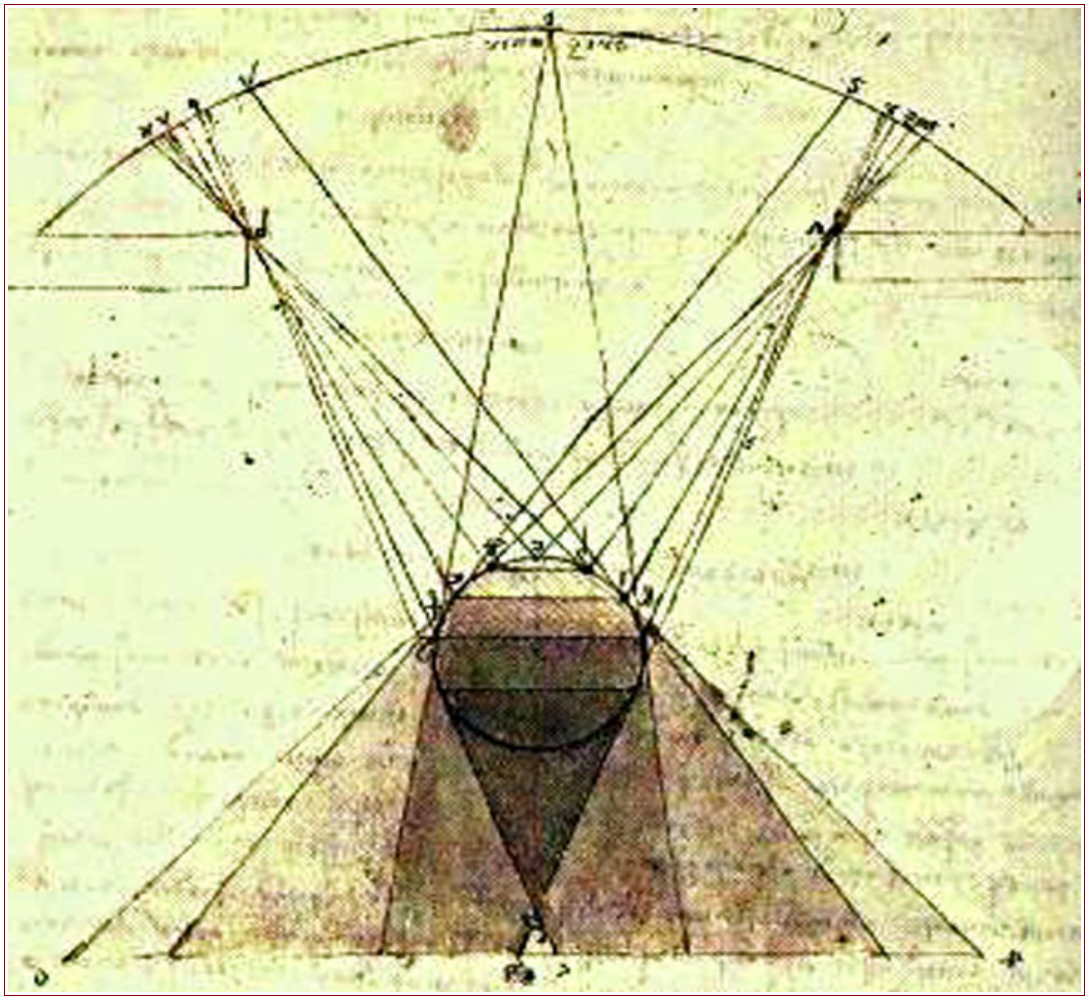
Optyka
Study of Optics
Codex Leicester
Leonardo da Vinci



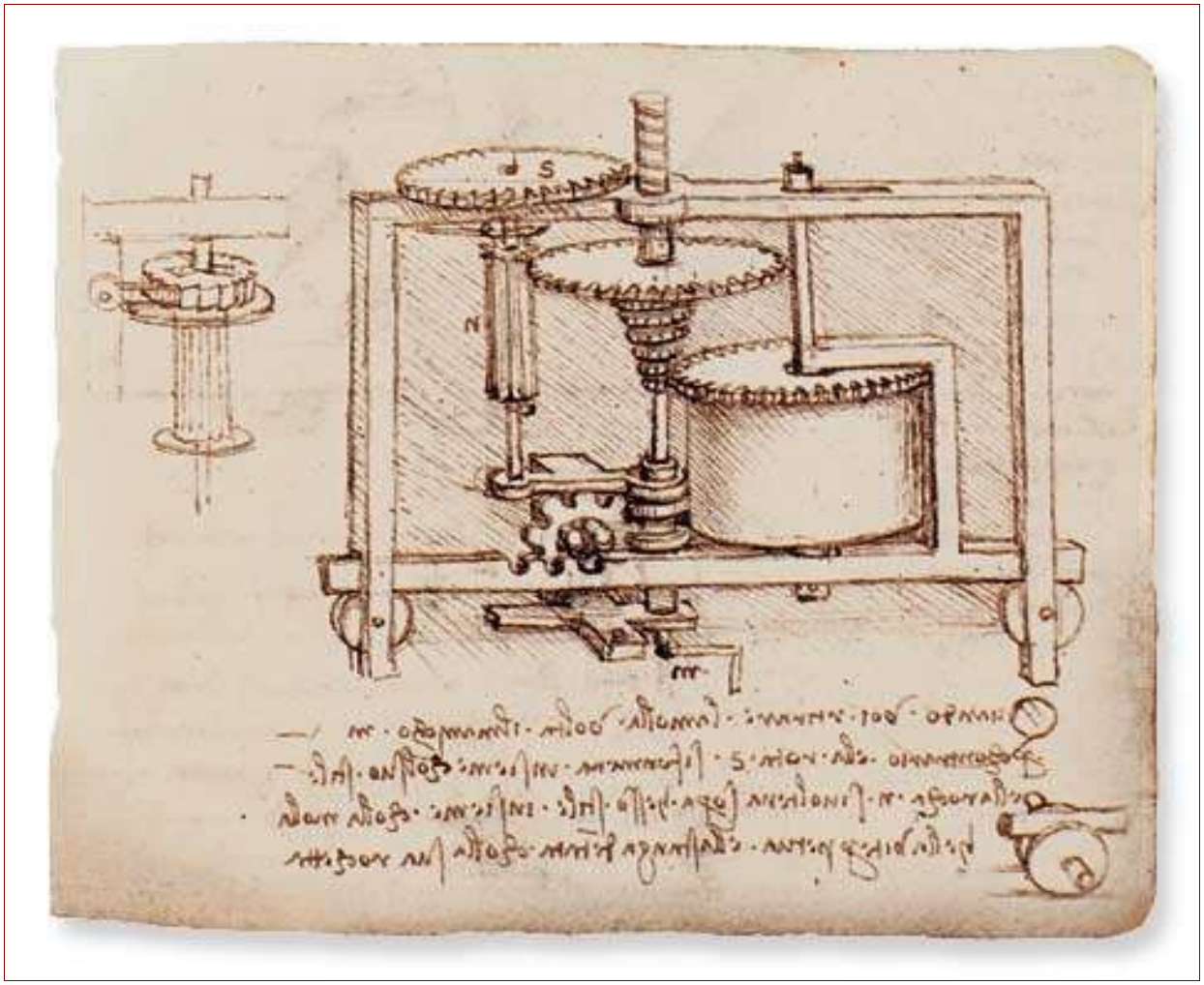
Odległość Ziemi do Słońca
Distance Between Sun and the earth
Leonardo da Vinci



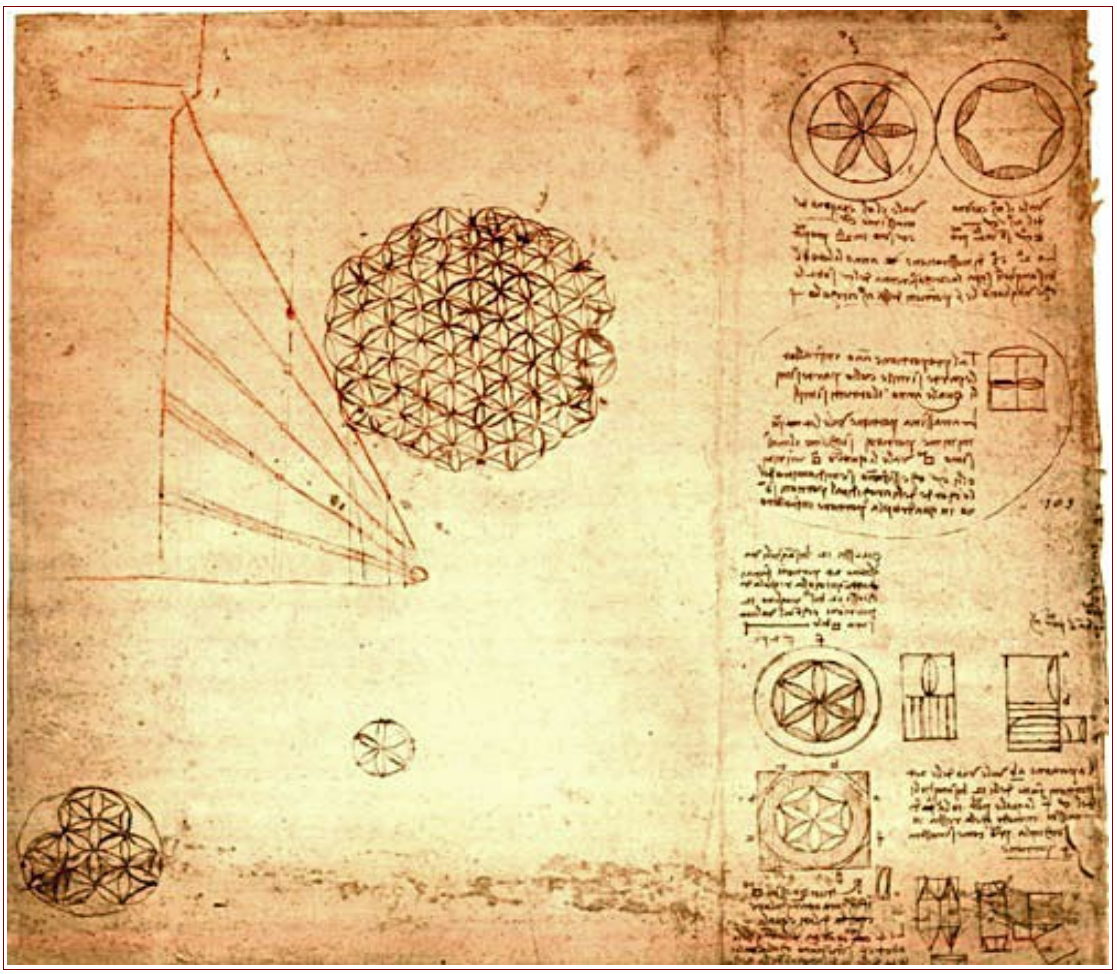
Piramida Wzrokowa
Pyramid of Vision
Leonardo da Vinci



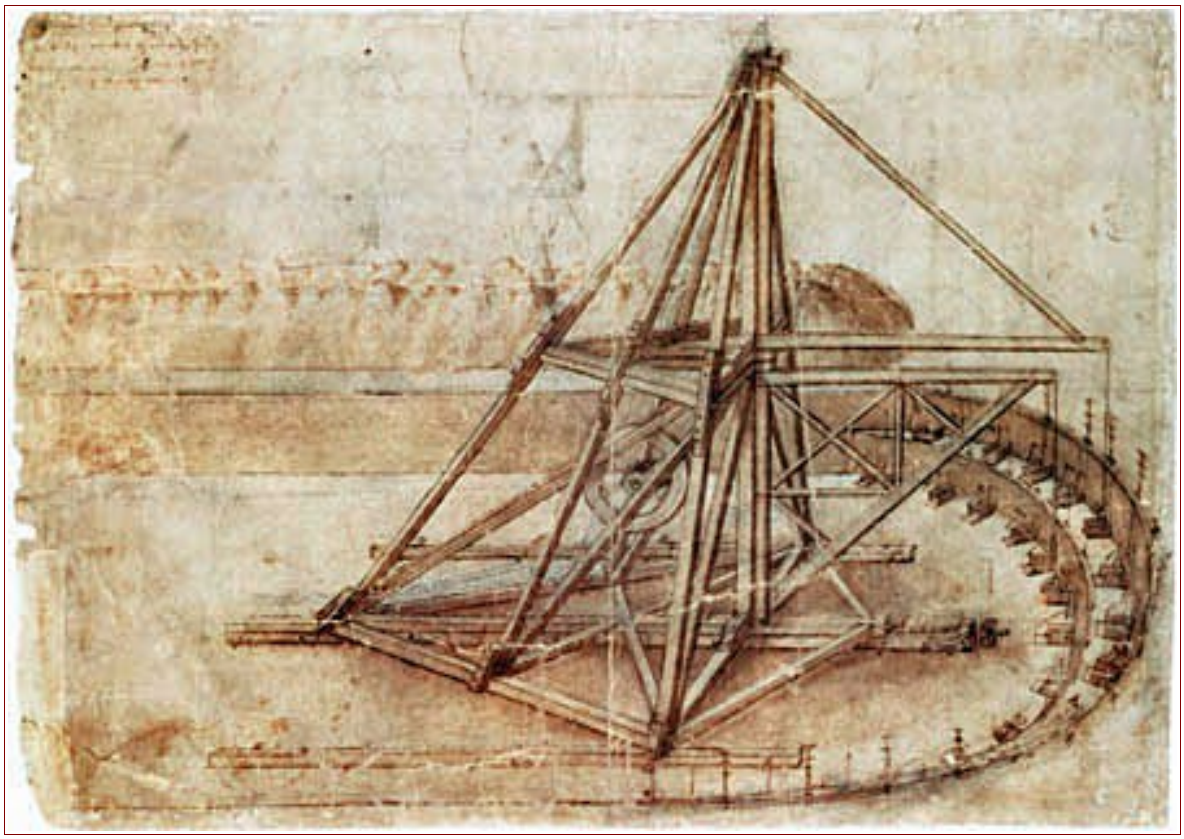
Studium Stopniowania Cienia
Study of the Graduations of Shadows on Spheres
Leonardo da Vinci



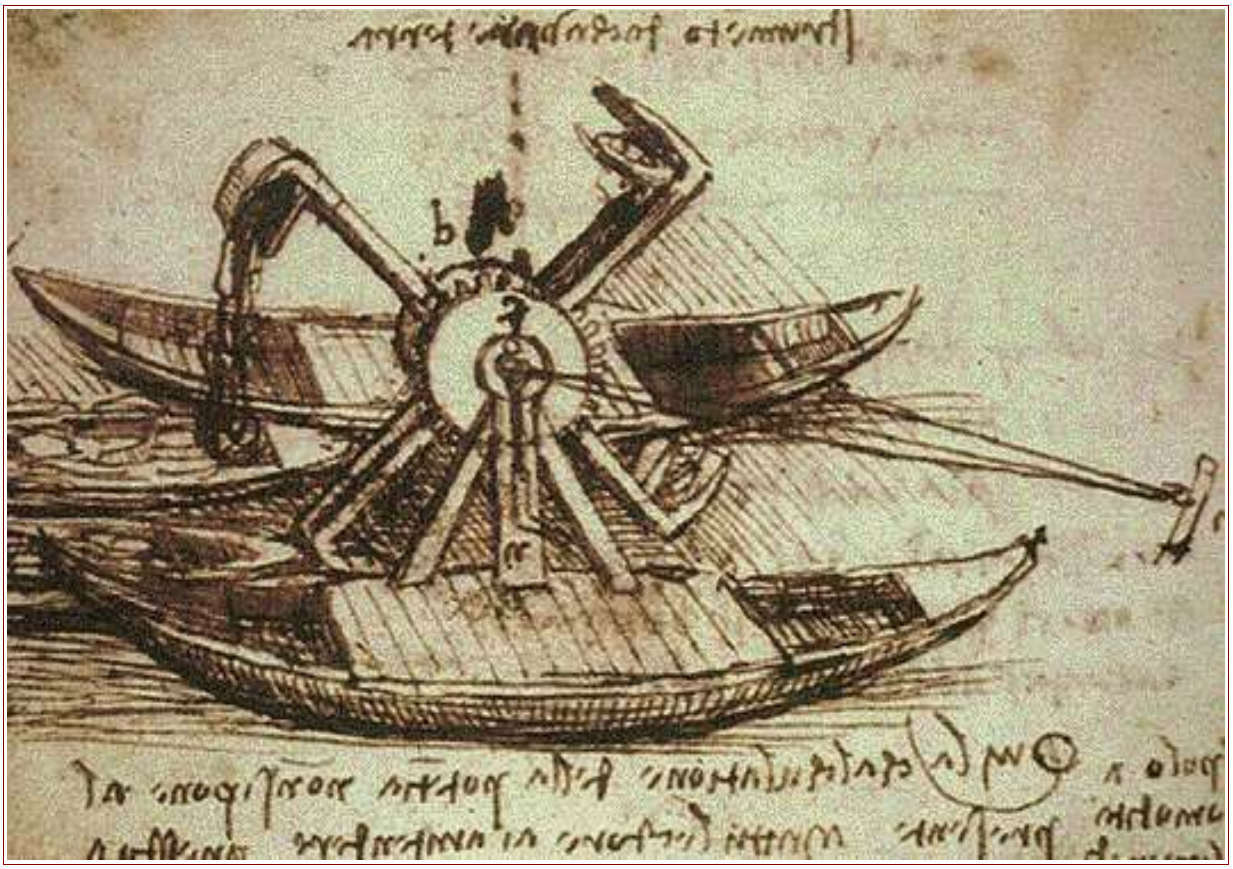
Studia o Mechanice Przekładni
Study of Mechanics
Codex Atlanticus



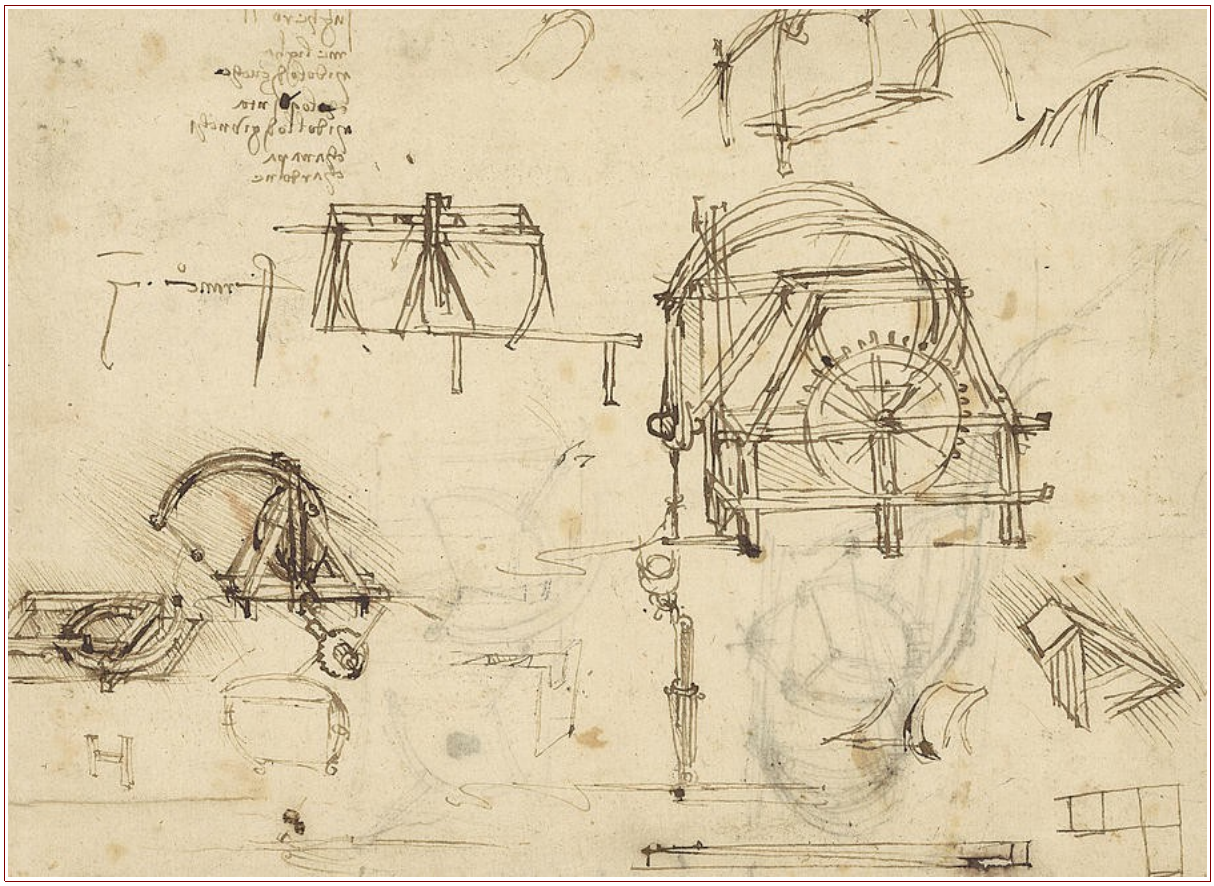
Boska Geometria. Geometryczny Kwiat Życia
Geometrical Flower of Life
Codex Atlanticus
Leonardo da Vinci



Urządzenie Portowe
Machine Construction (Port)
Leonardo da Vinci

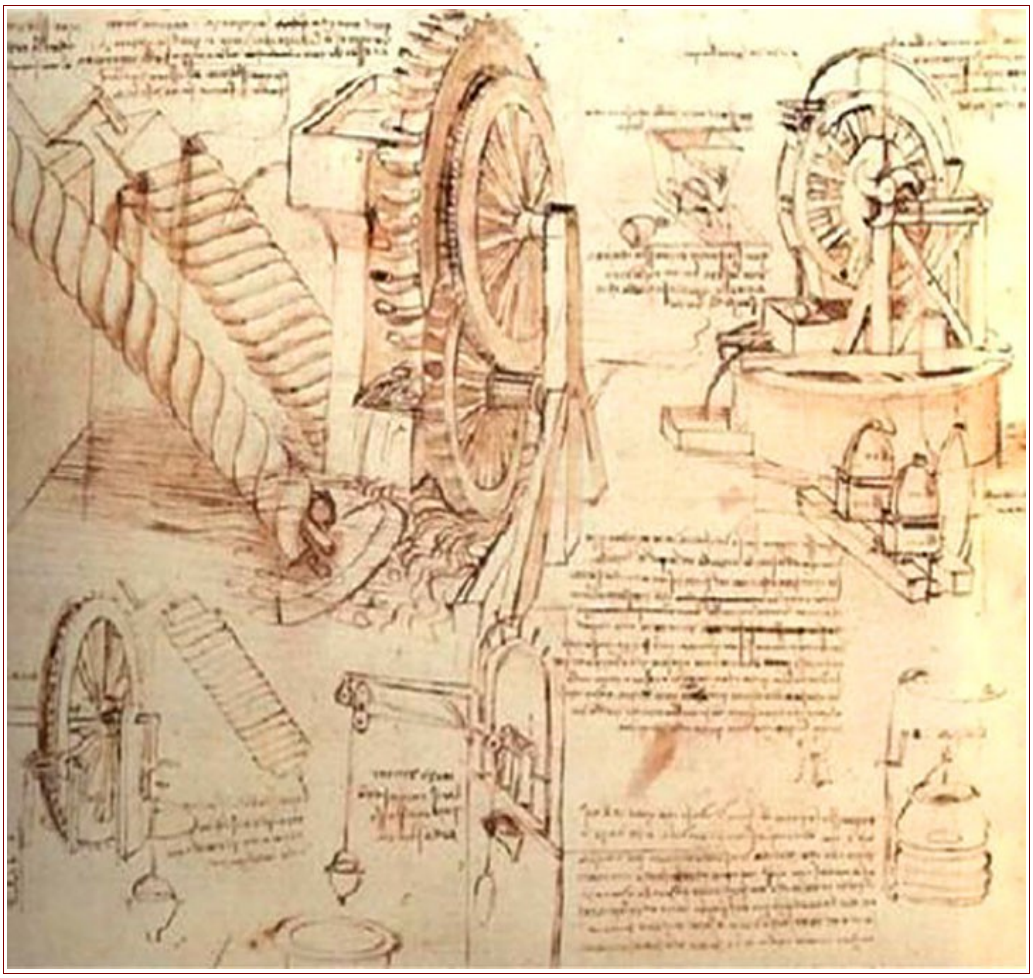


Pogłębiarka Rzeczna
Dredger
Leonardo da Vinci

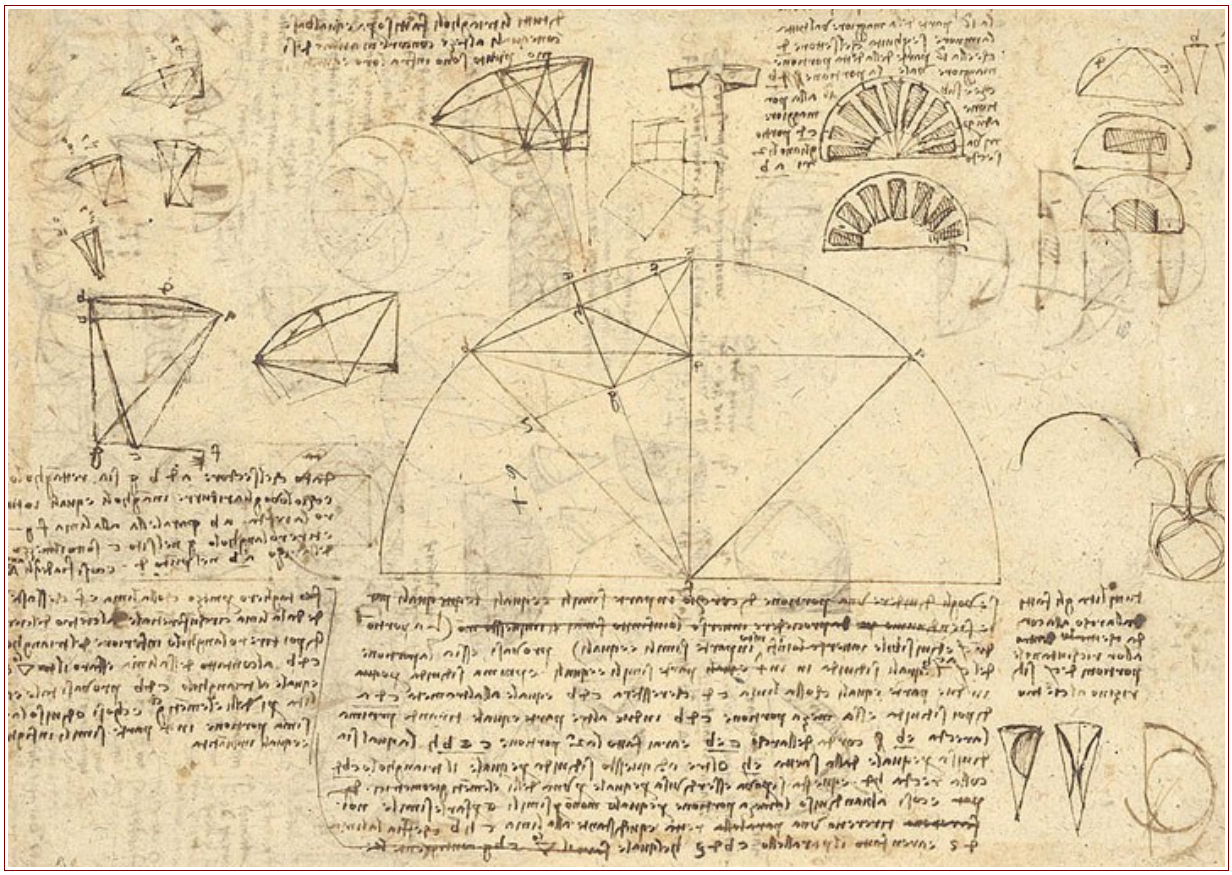


Studium Mechaniczne
Mechanical Drawings
Leonardo da Vinci

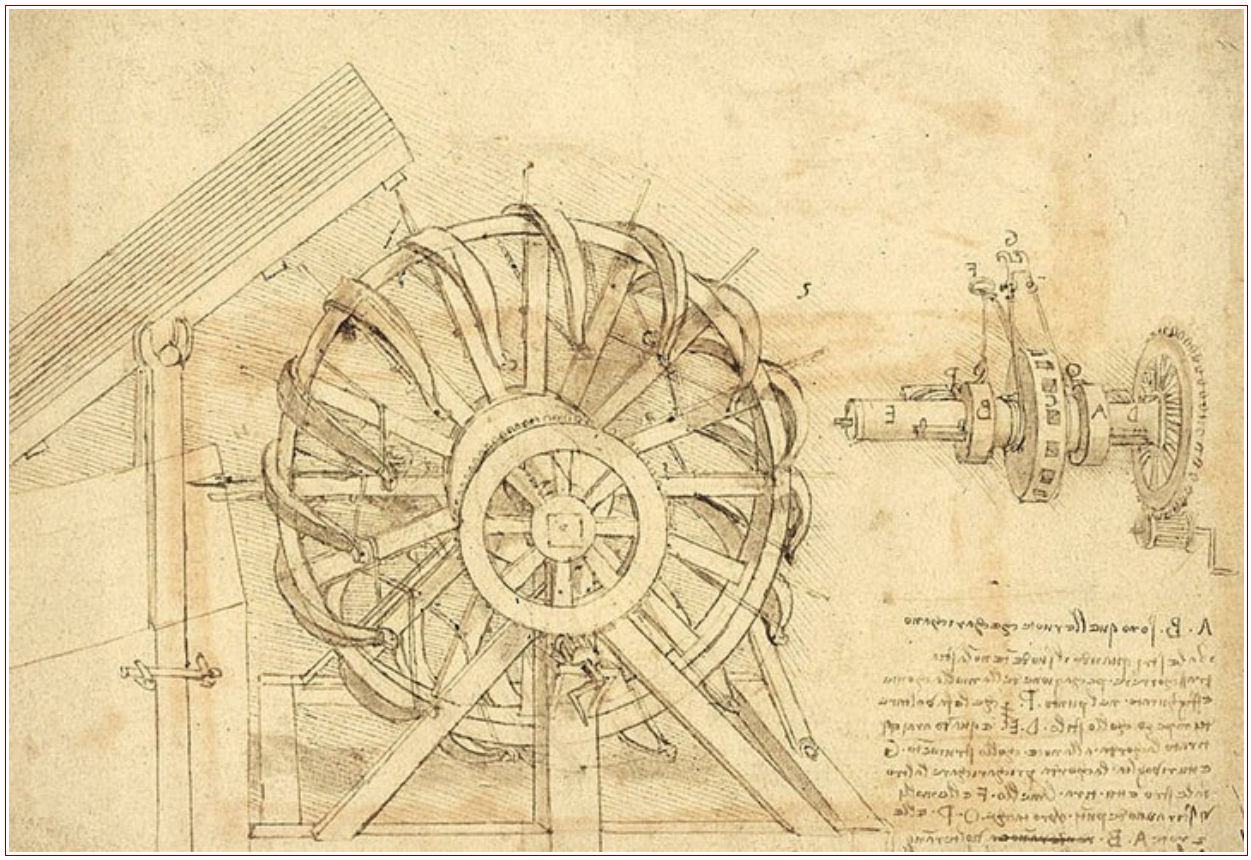
Składana Lódka
Folding Boat
Leonardo da Vinci



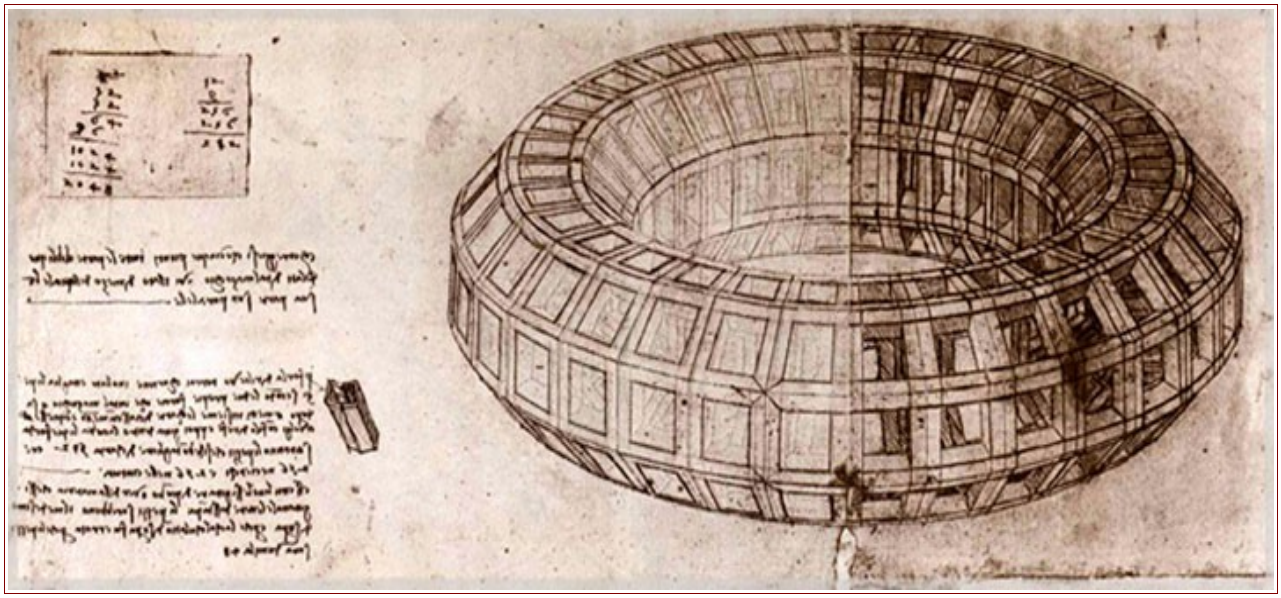
Projekty Użytkowe: Transport Wody
Water Lifting Device
Leonardo da Vinci



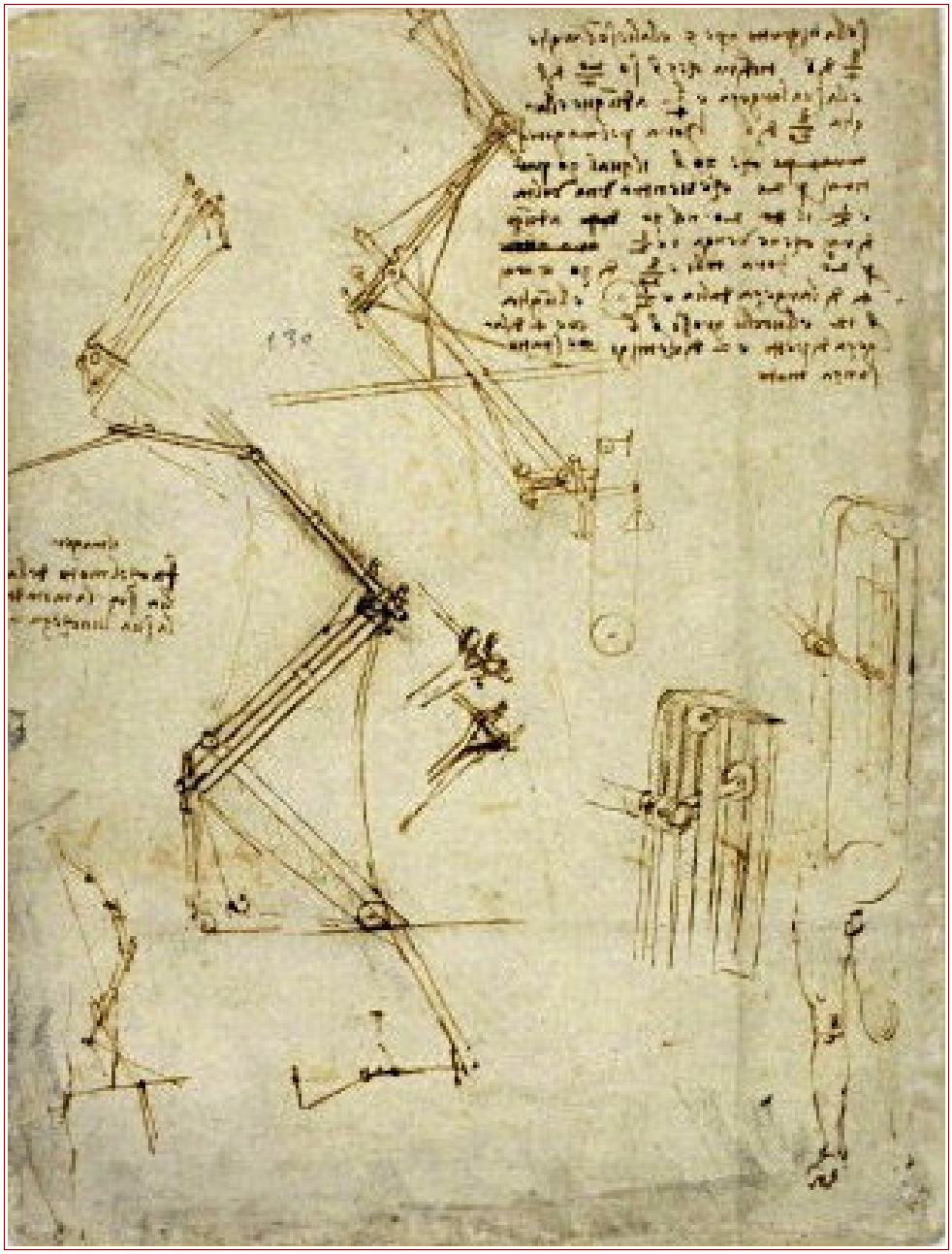
Transformacje Geometryczne
Geometrical Transformations
Leonardo da Vinci



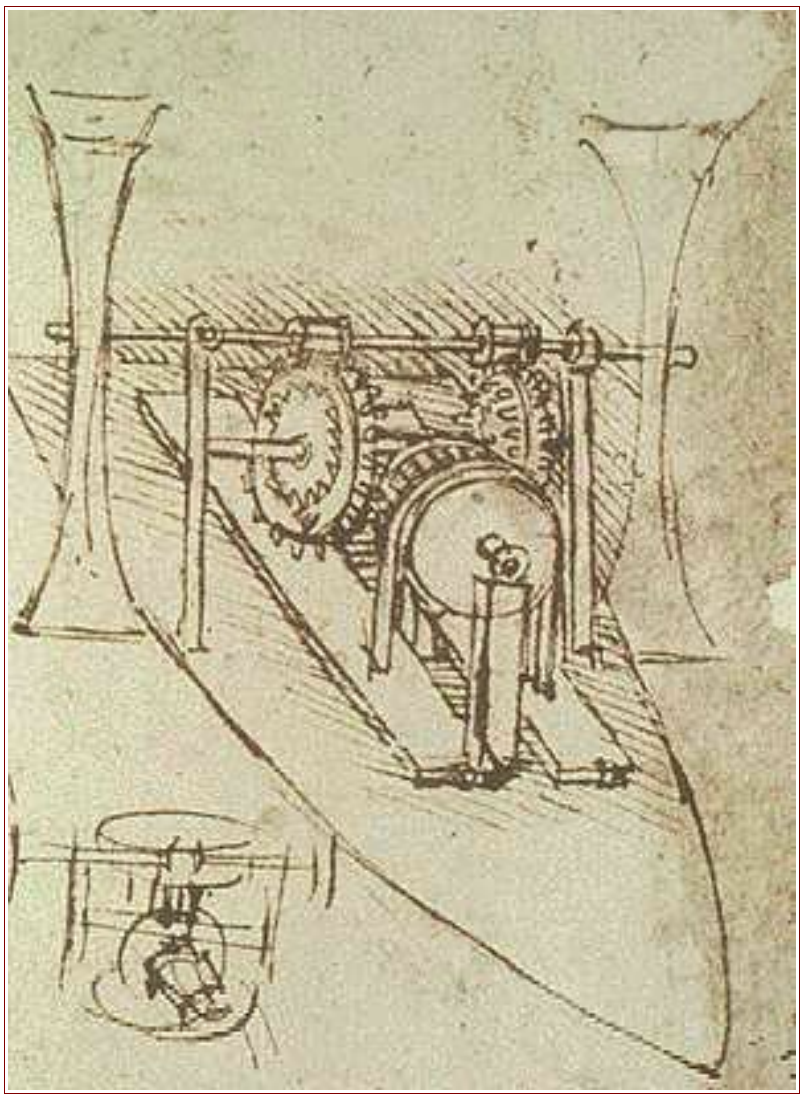
Mechanism Rotacyjny
Rotating Wheel and Gears
Codex Atlanticus
Leonardo da Vinci



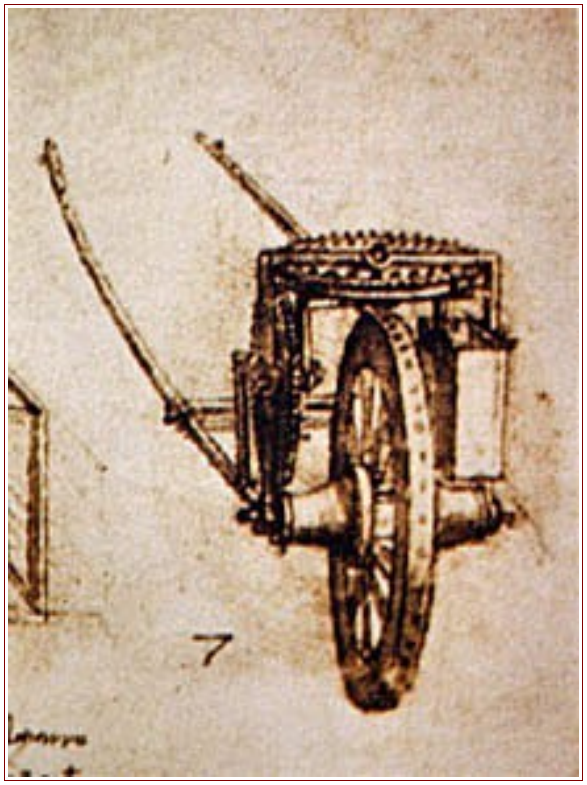
Leonardo da Vinci



Projekt Dźwigu
Crain Design
Codex Atlanticus
Leonardo da Vinci

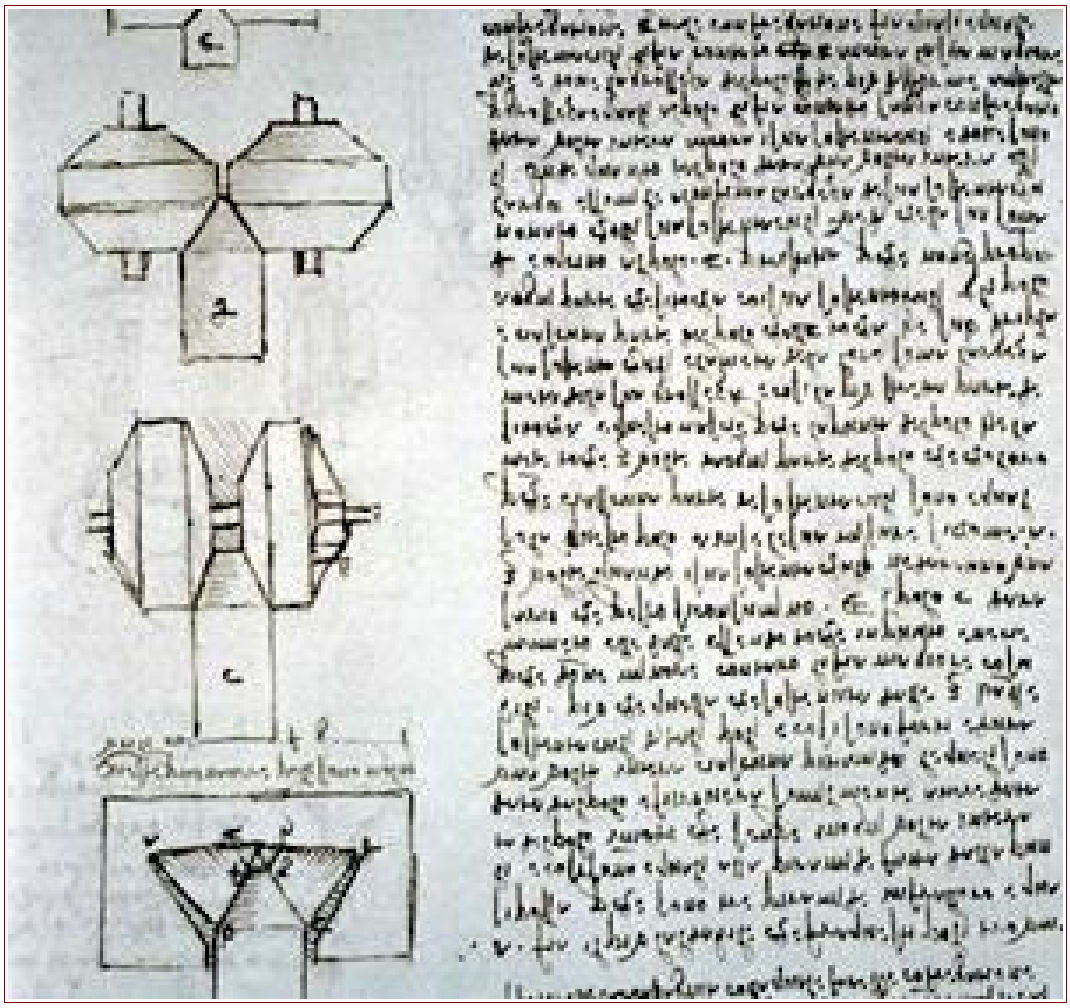


Studium Maszyny
Mechanical Study

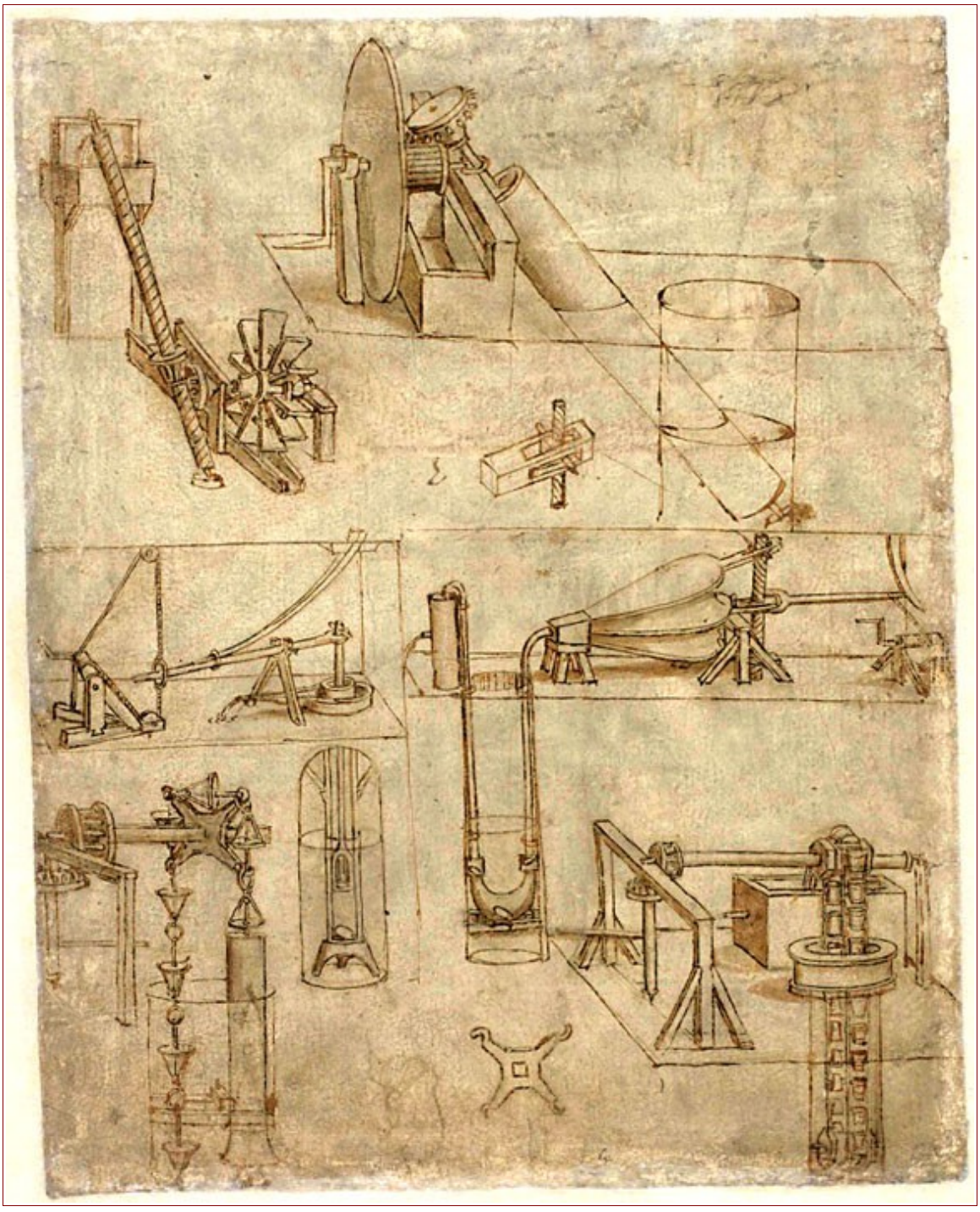


Studium Urządzenia do Mierzenia Dystansu
Odom eter
Leonardo da Vinci

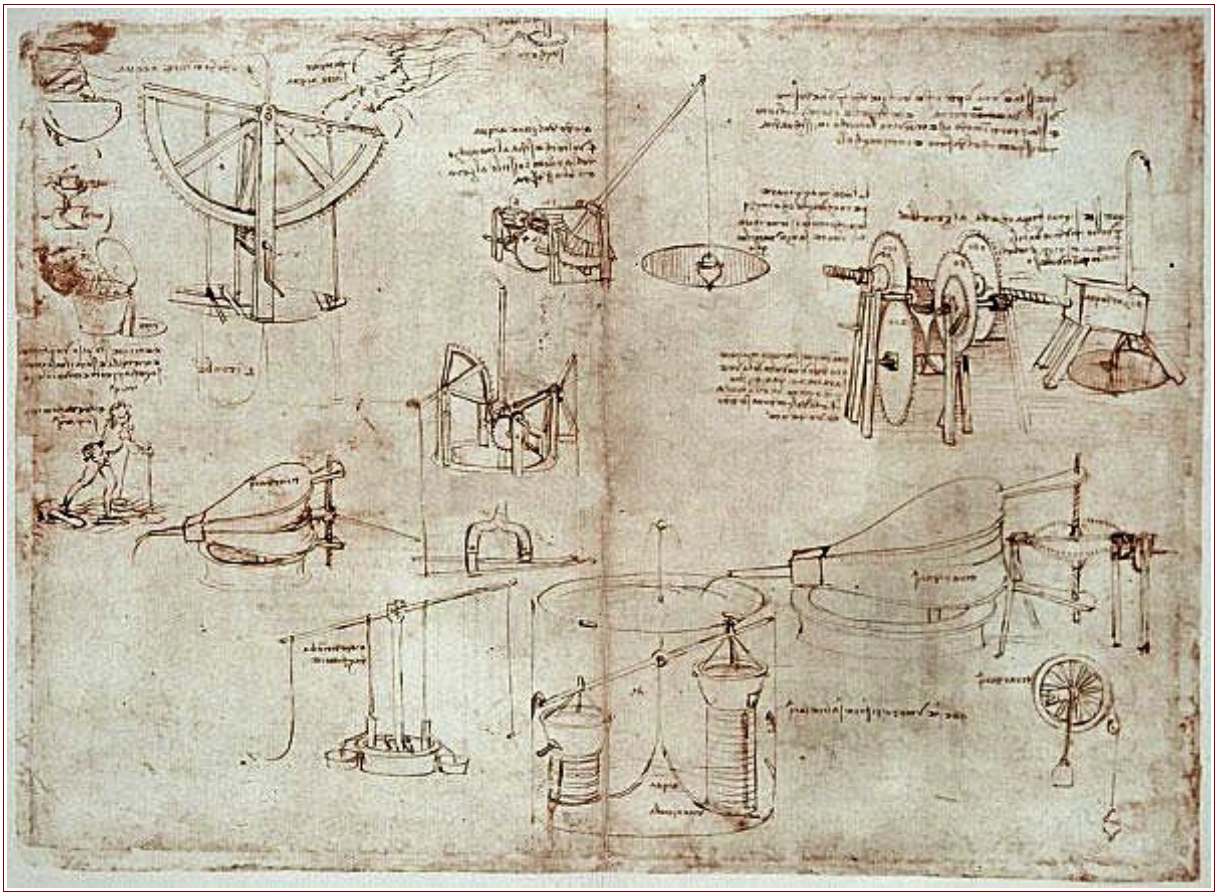
Leonardo da Vinci



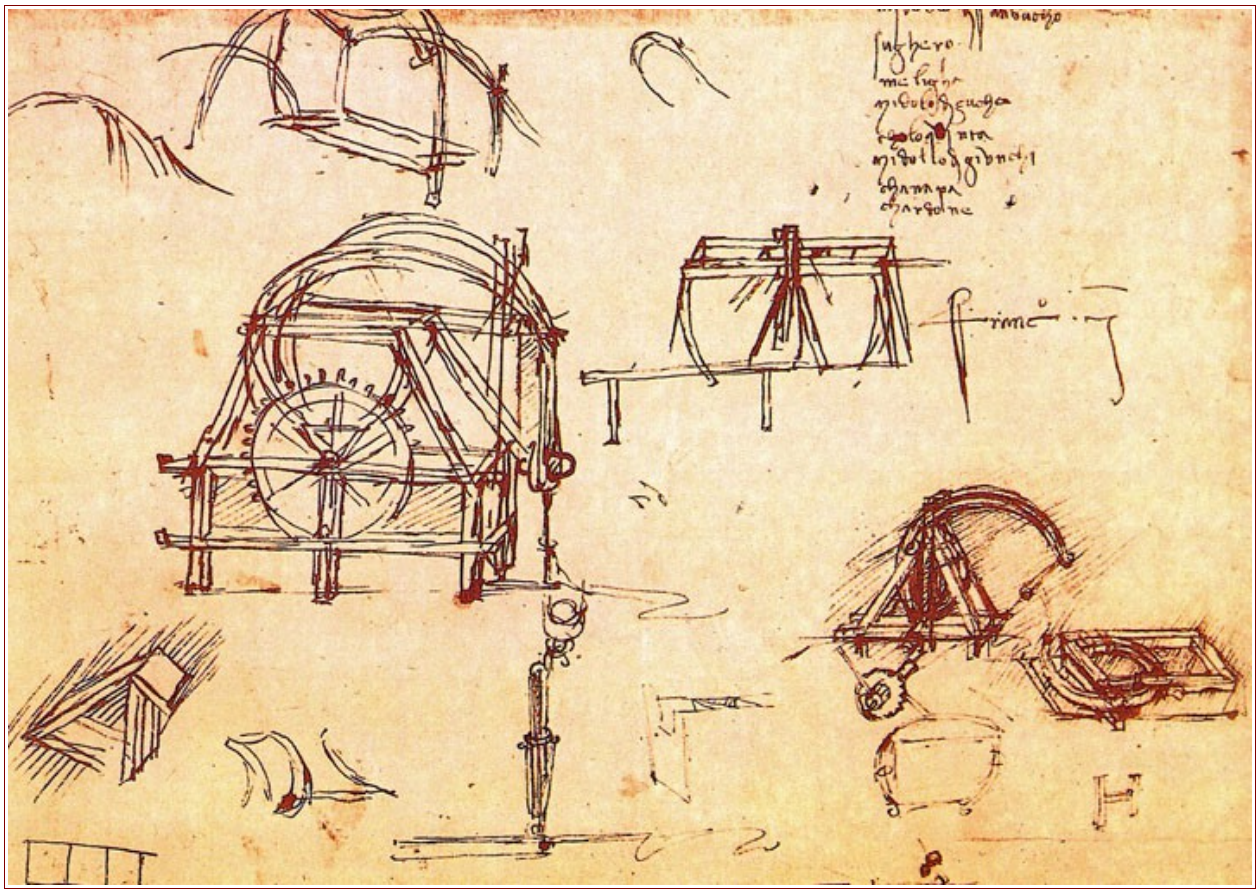
Projekt Łożyska
Bearing Design
Leonardo da Vinci



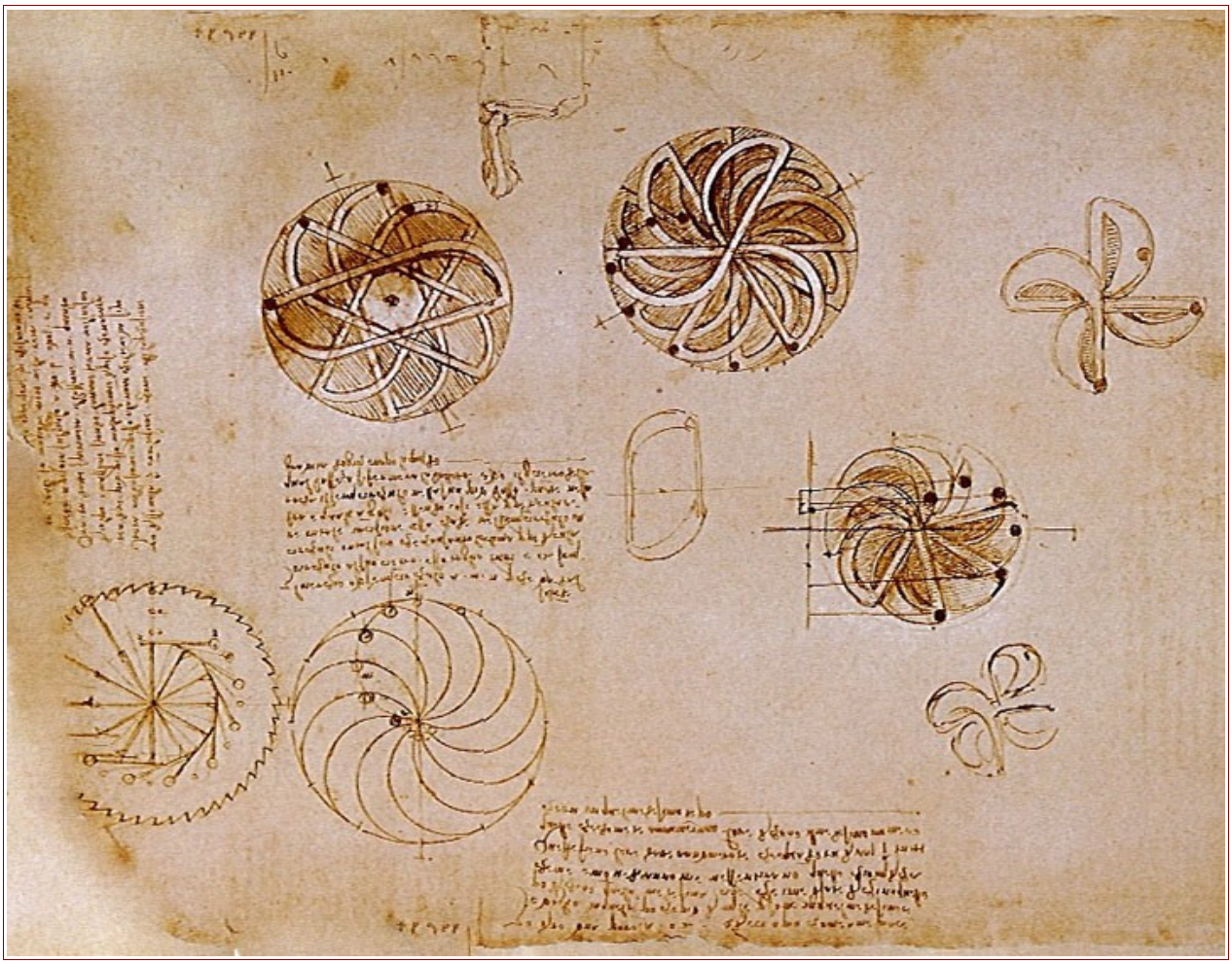
Projekty Maszyn do Transportu Wody
Water Transportation Designs
Leonardo da Vinci



Studnie Mechanizmy do Transportu Wody
Wells and Water Transportation Designs
Leonardo da Vinci



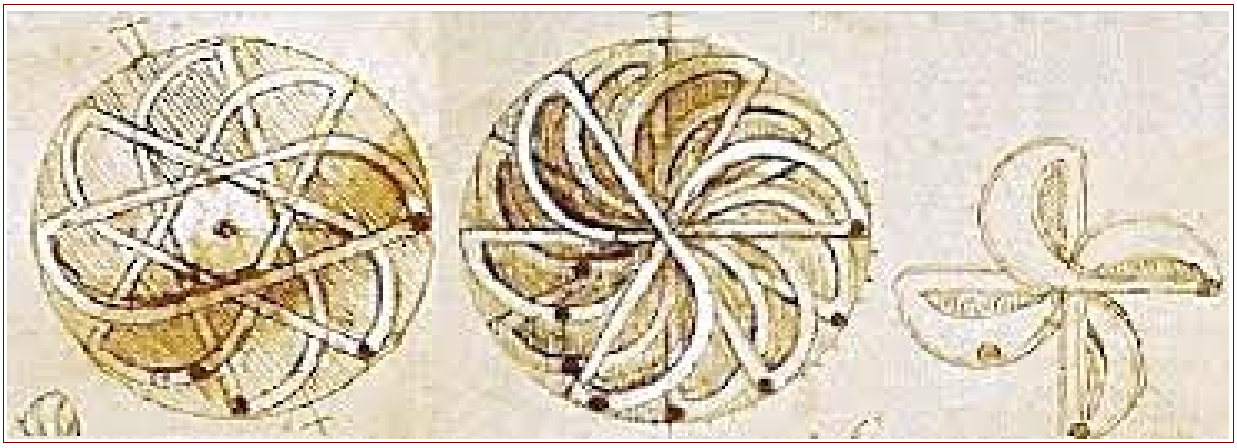
Projekt Maszyn Tkackich
Weaving Machine Design
Leonardo da Vinci



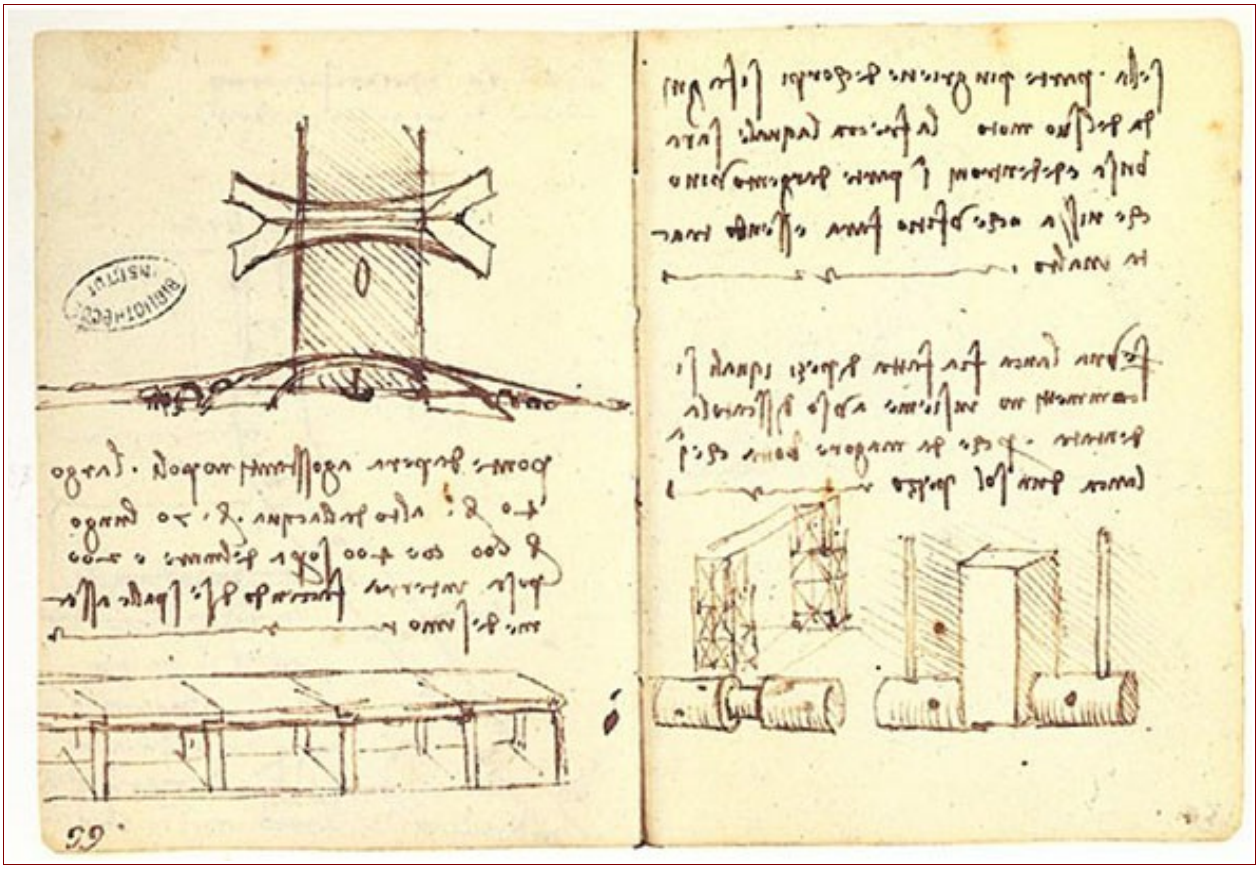
Perpetual Mobile Projekty
Perpetual Motion Design
Leonardo da Vinci

Perpetuum Mobile
Perpetual Motion Design
Leonardo da Vinci

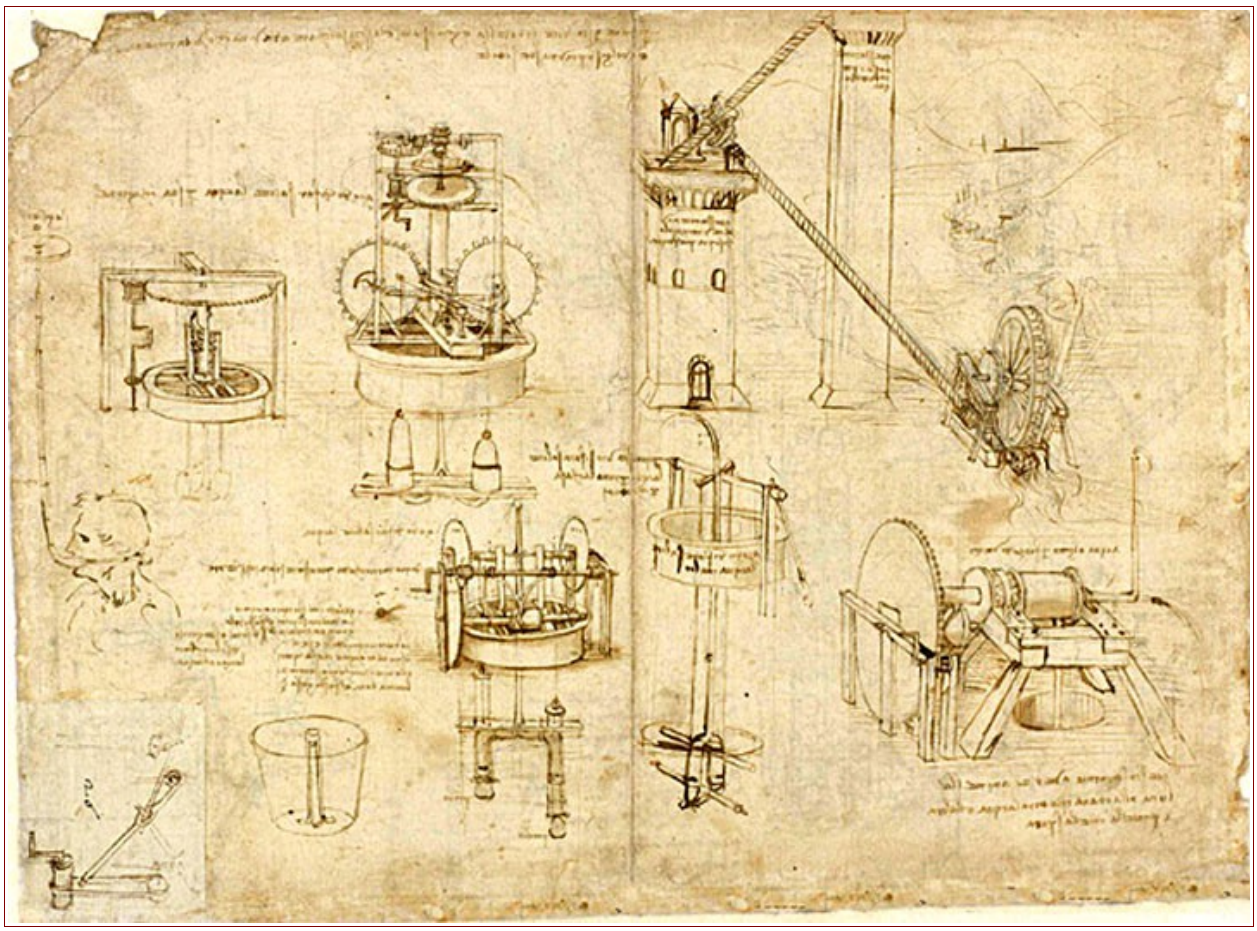
Perpetual Mobile
Perpetual Motion
Leonardo da Vinci



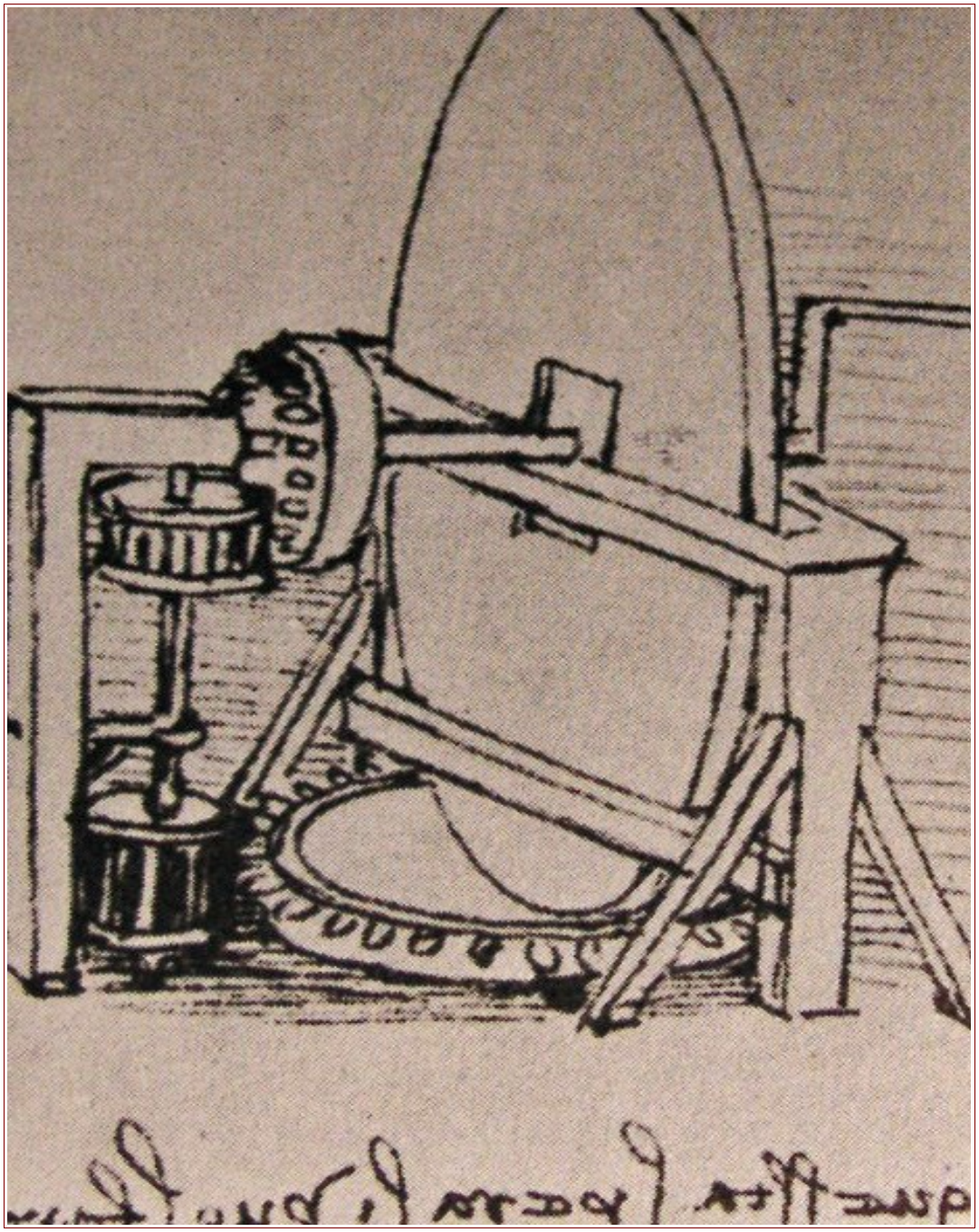
Perpetuum Mobile
Perpetual Motion
Leonardo da Vinci



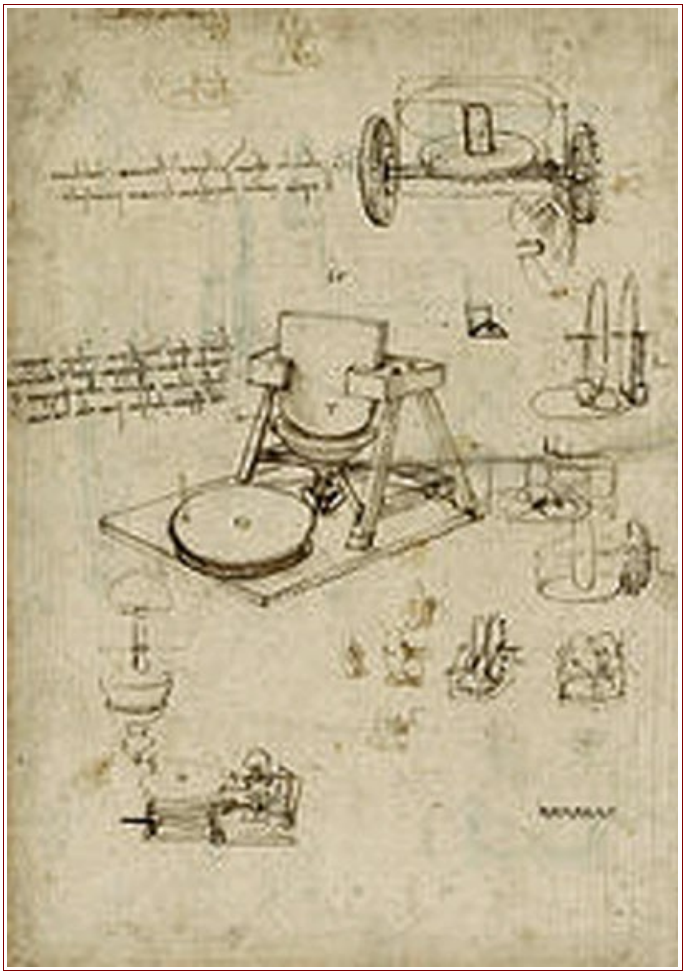
Most Zloty Róg
Golden Horne Bridge Design
Leonardo da Vinci



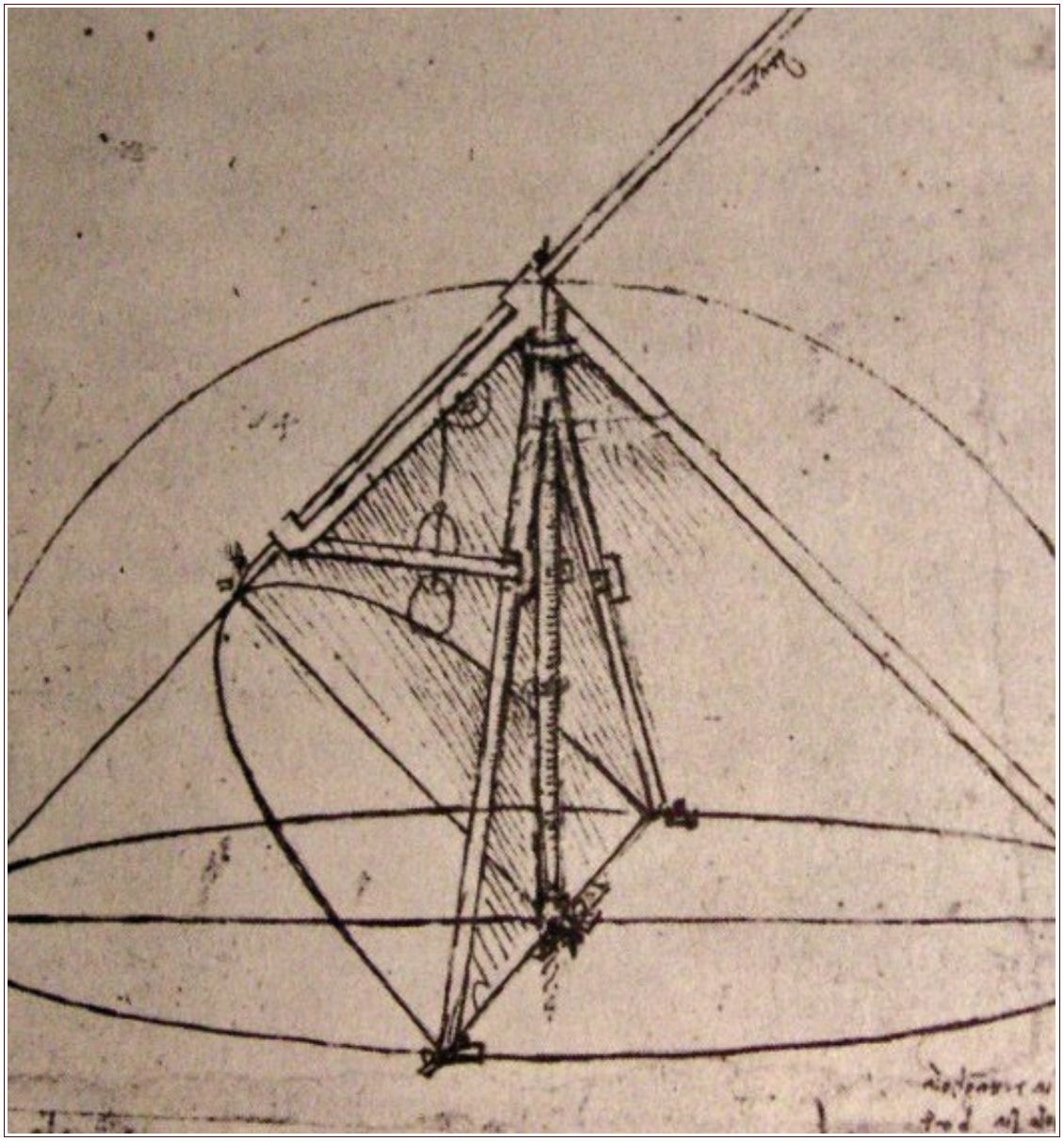
Projekty Maszyn do Transportu Wody
Water Transportation Machines
Codex Atlanticus
Leonardo da Vinci



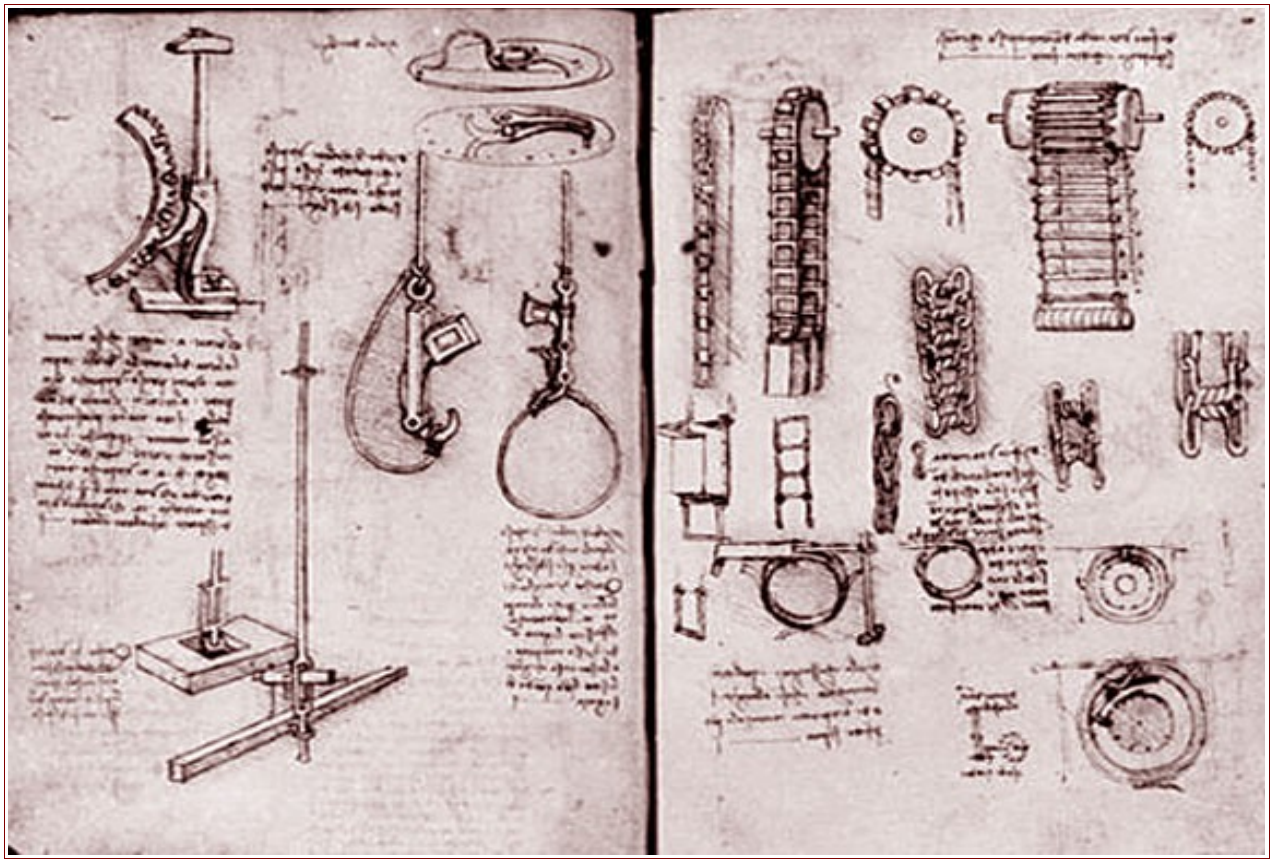
Projekt Maszyny Szlifującej
Grinding Machine Design
Leonardo da Vinci



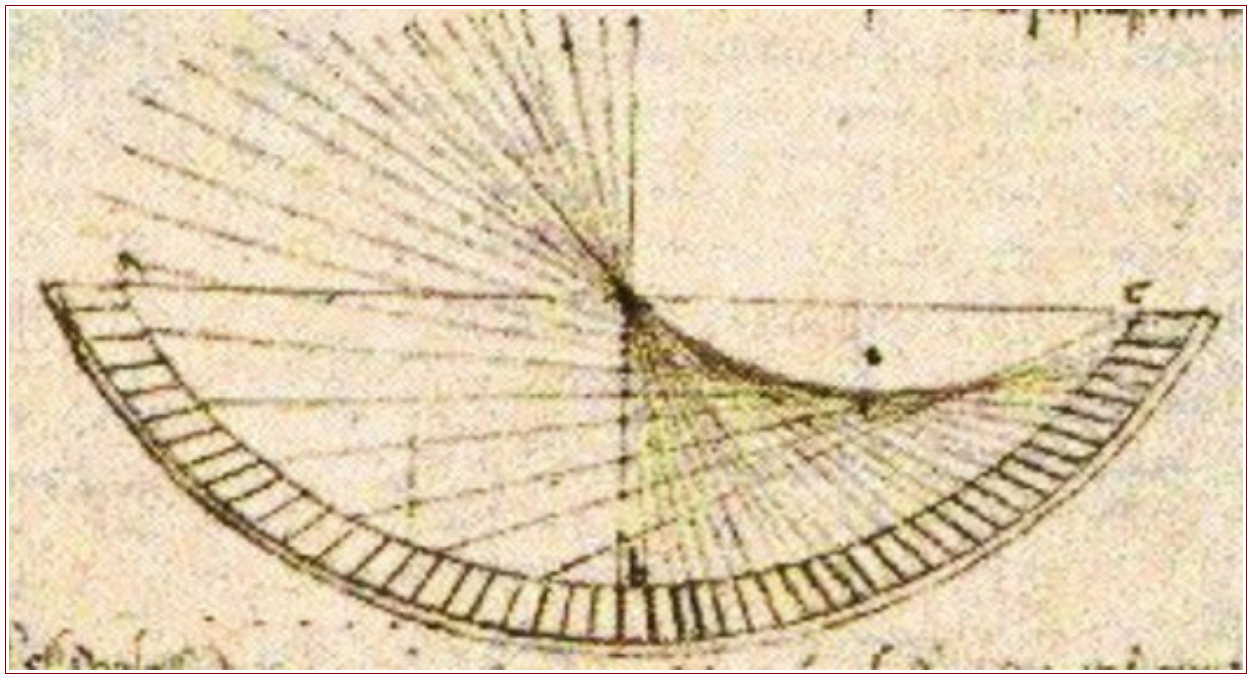
Projekt Maszyny do Szlifowania
Grinding Machine Design
Leonardo da Vinci



Projekt Kompasu Parabolicznego
Parabolic Compass Design
Leonardo da Vinci

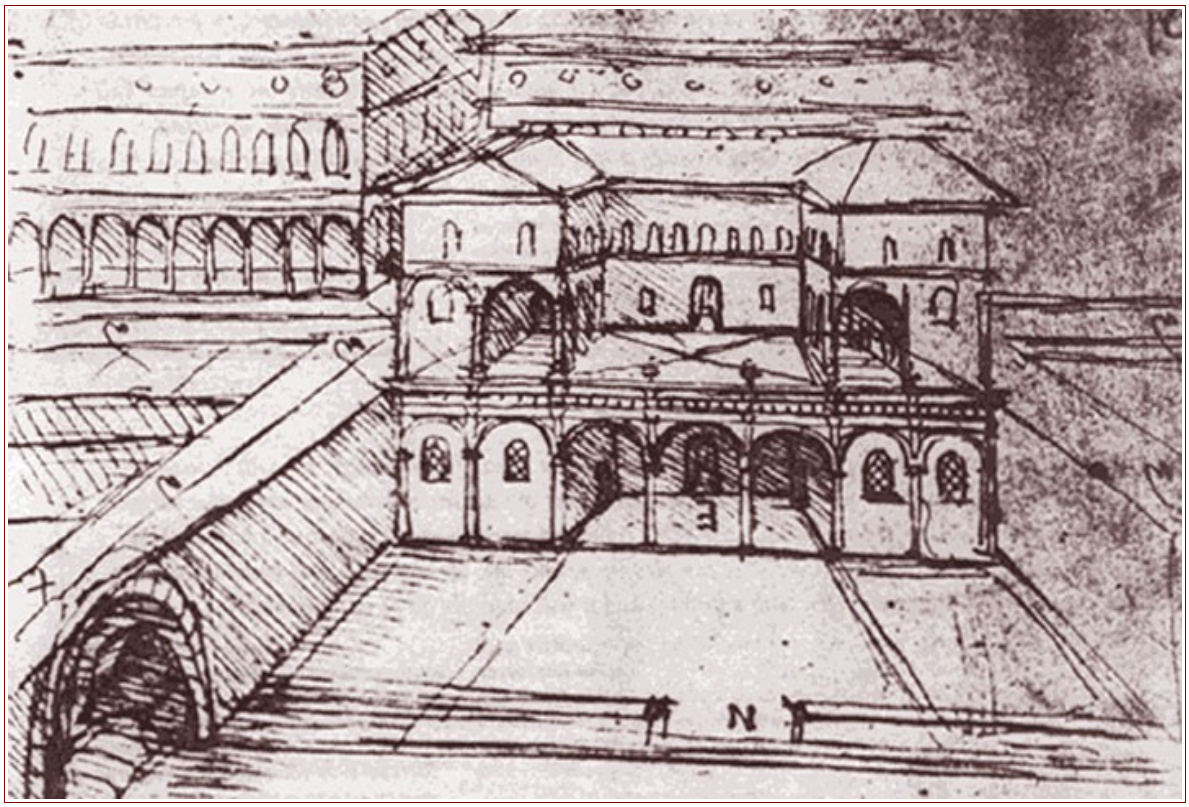


Projekty i Wynalazki
Inventions and Designs
Leonardo da Vinci

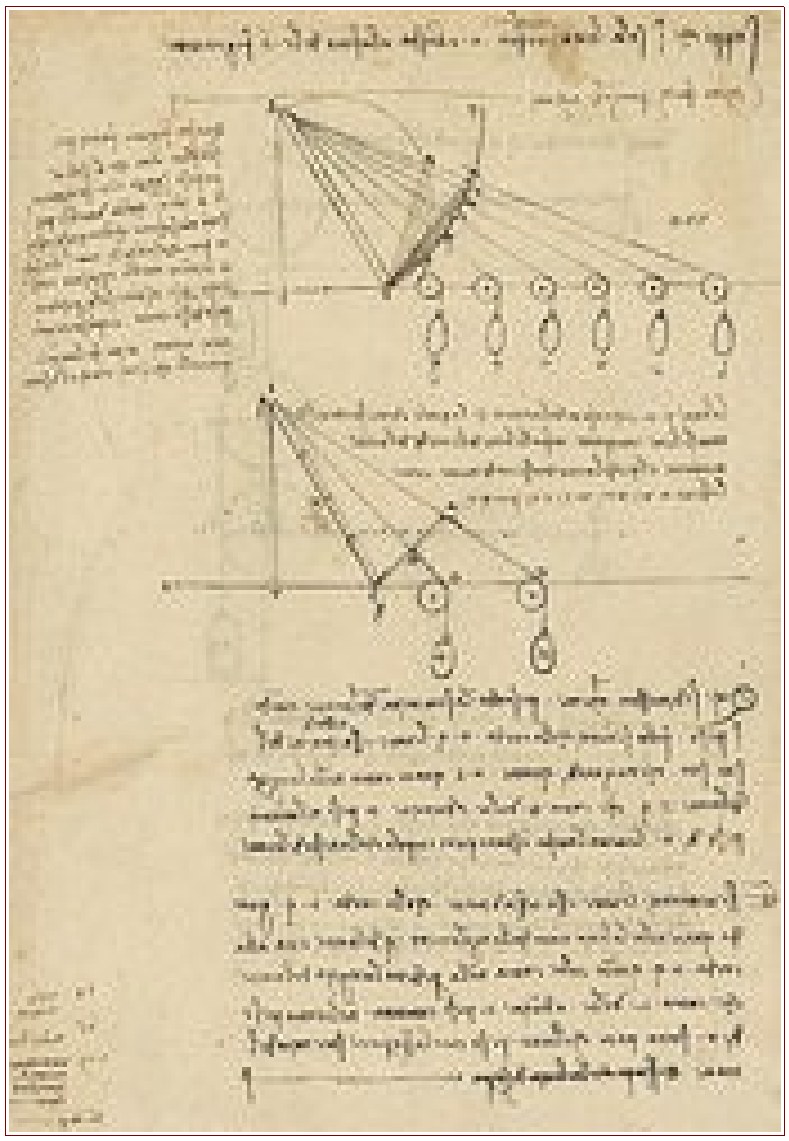


Leonardo da Vinci

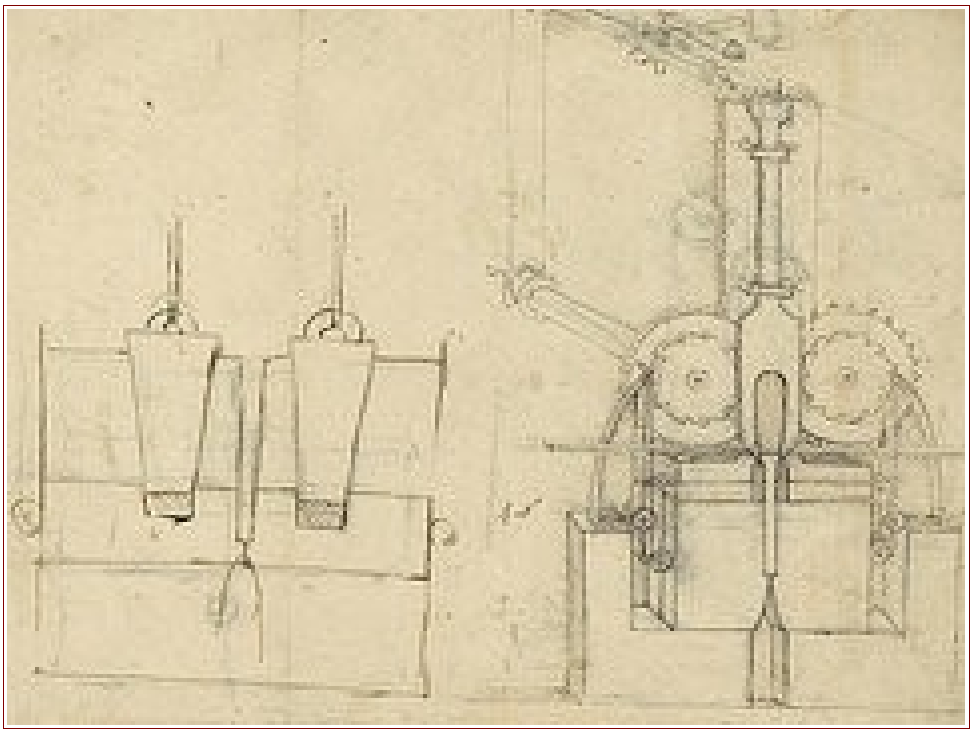
Projekt Spadochronu
Parachute Design
Codex Atlanticus



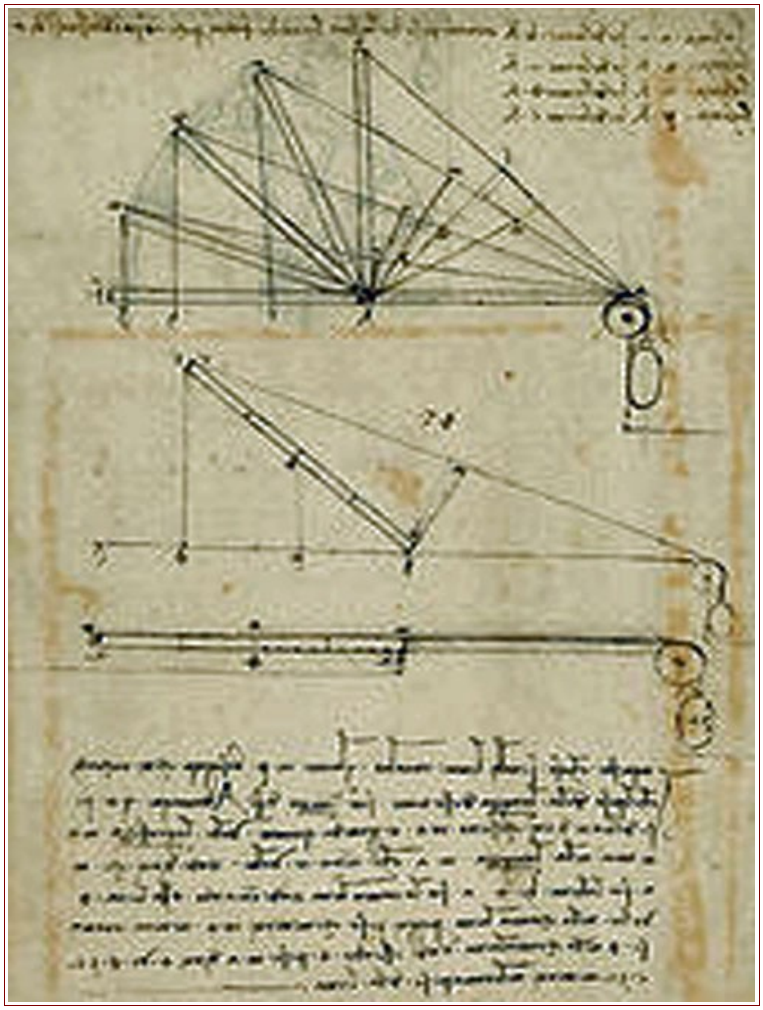
Projekt Idealnego Miasta
Ideal City Design
1488
Leonardo da Vinci



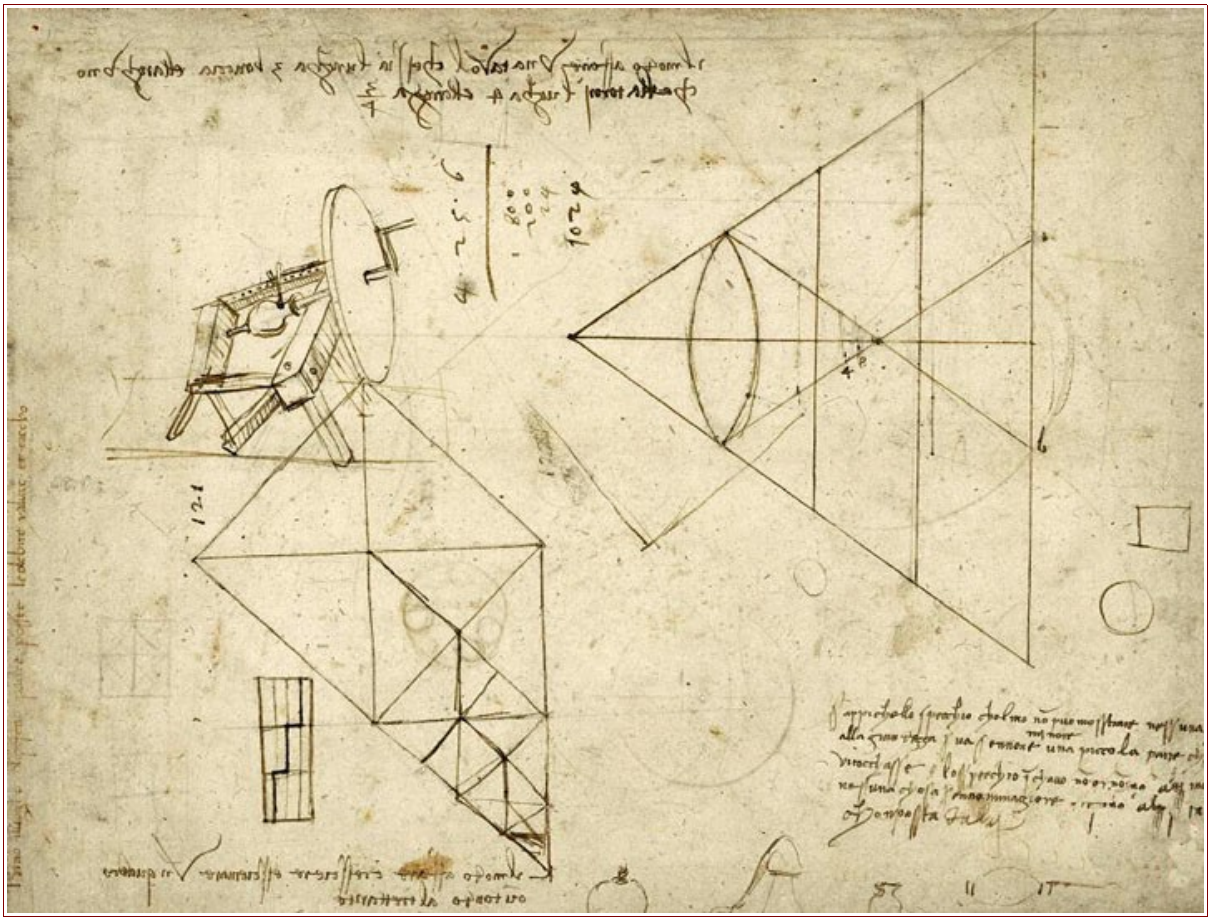
Projekt dla Katedry w Mediolanie
Milan Cathedral Design
Leonardo da Vinci



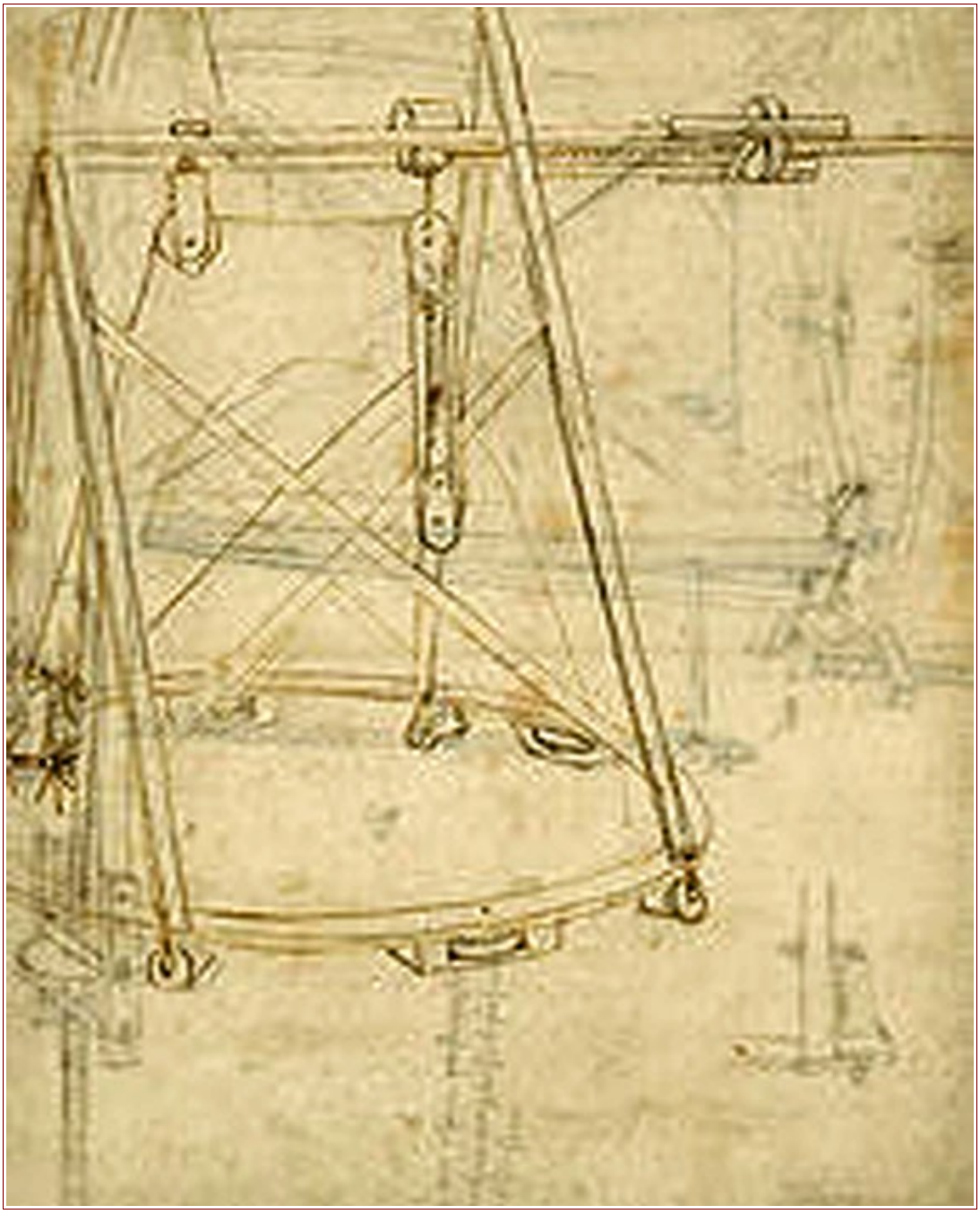
Projekt Maszyny
Technical Drawing
Leonardo da Vinci



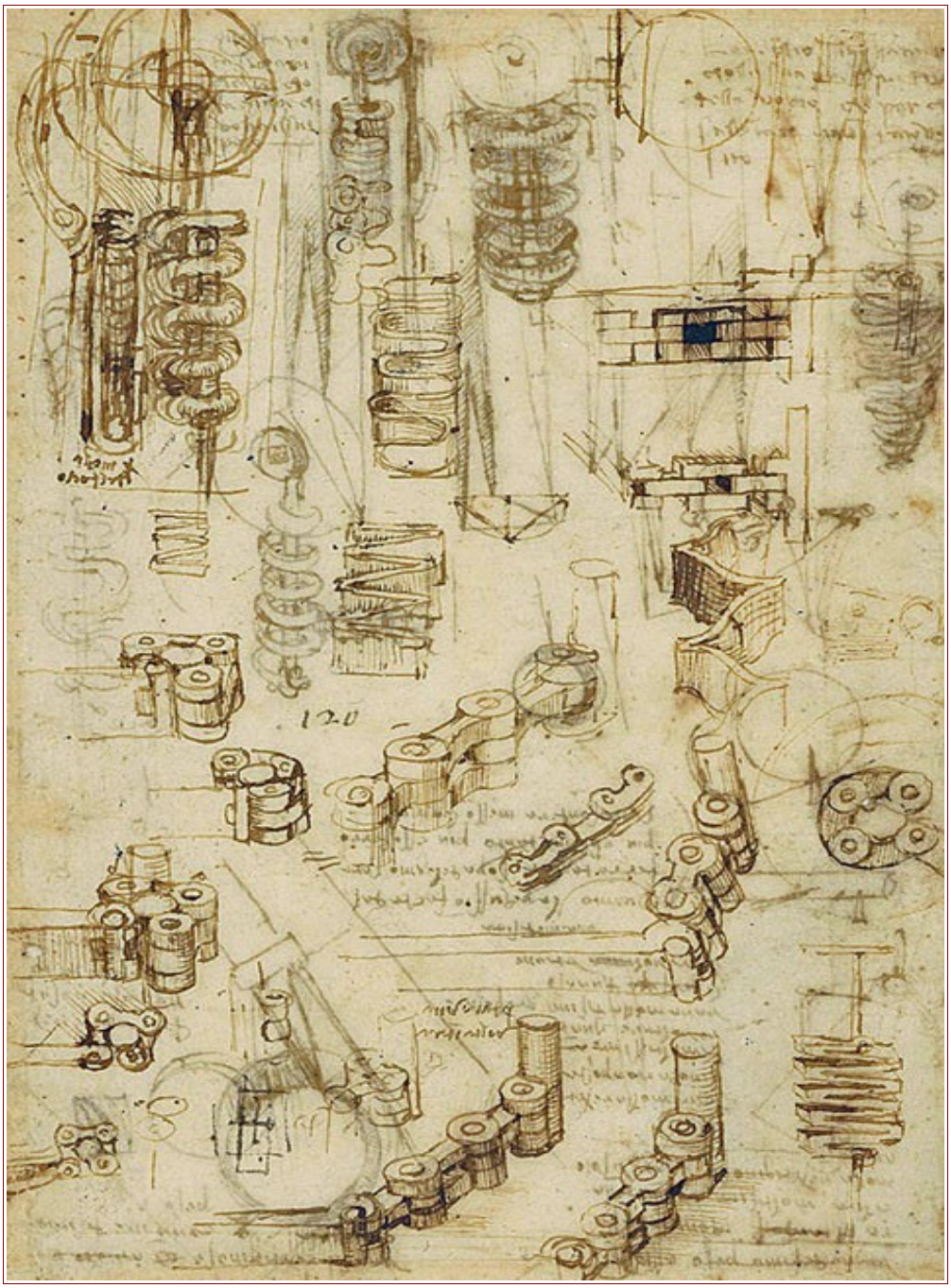
Projekt Dźwigu
Crain Design
Leonardo da Vinci



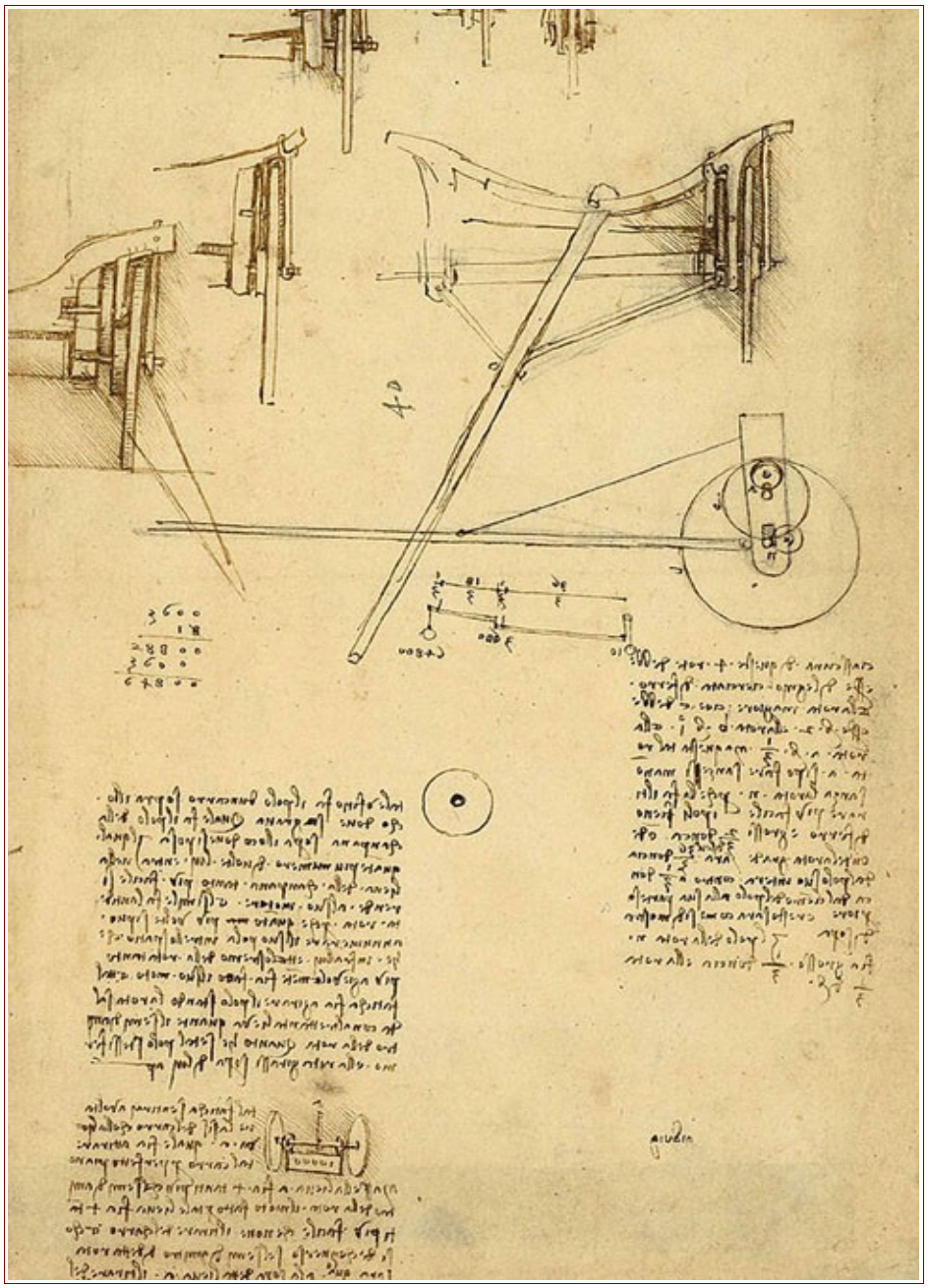
Maszyna do Szlifowania Soczewek
Grinding Lens Machine Design
Codex Atlanticus
Leonardo da Vinci



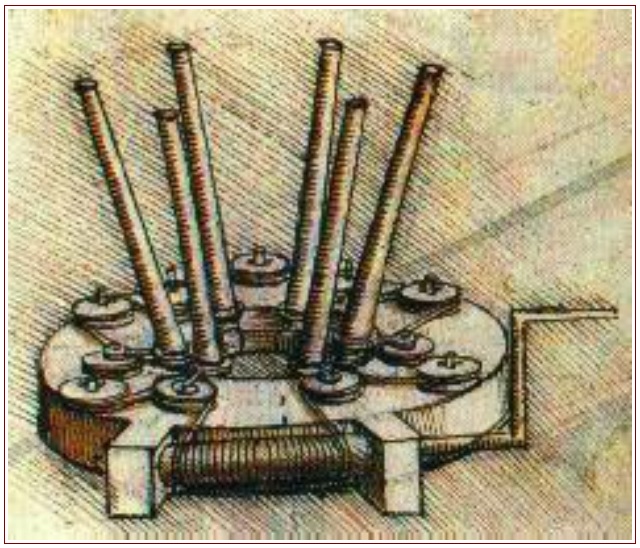
Atlantic Codex
Leonardo da Vinci



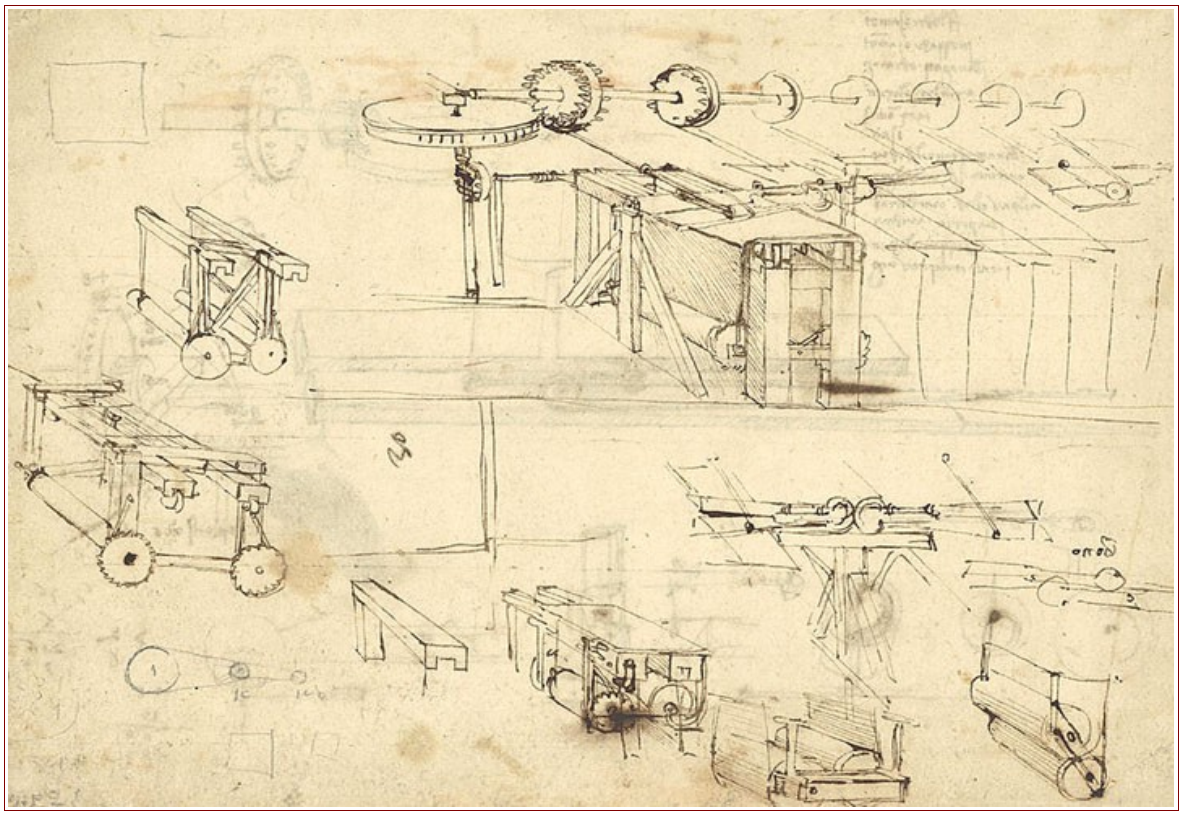
Projekty Inżynieryjne
Mechanical Engineering
Leonardo da Vinci



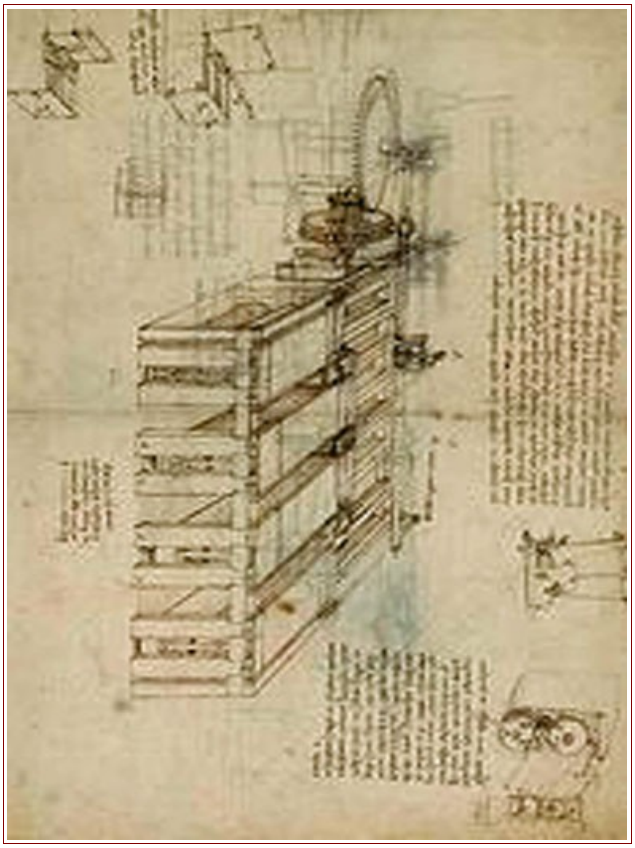
Projekt Systemu Amortyzacji Kół
Smooth Motion of Carts Design
Codex Atlanticus



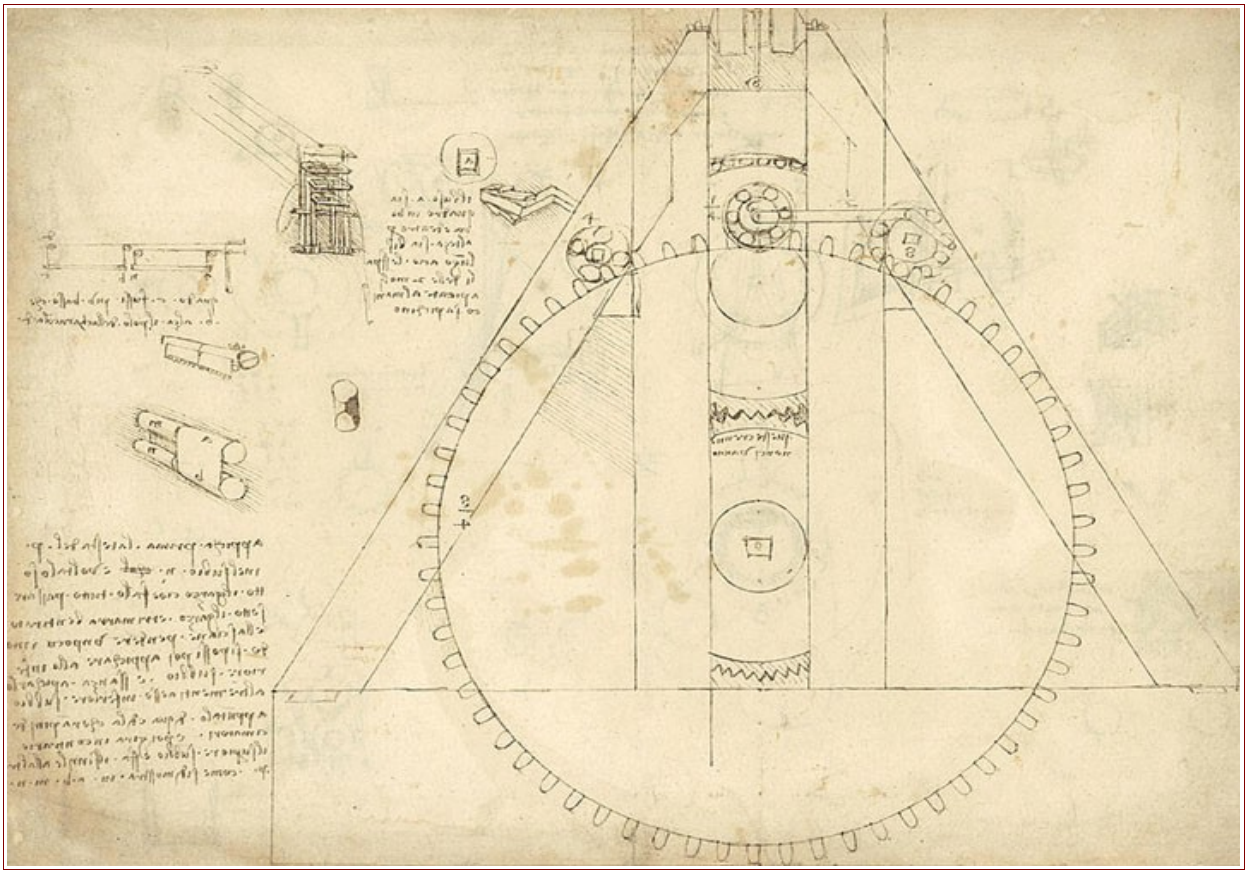
Projekt Maszyny do Rozciagania
Stretchning Machine Design
Leonardo da Vinci



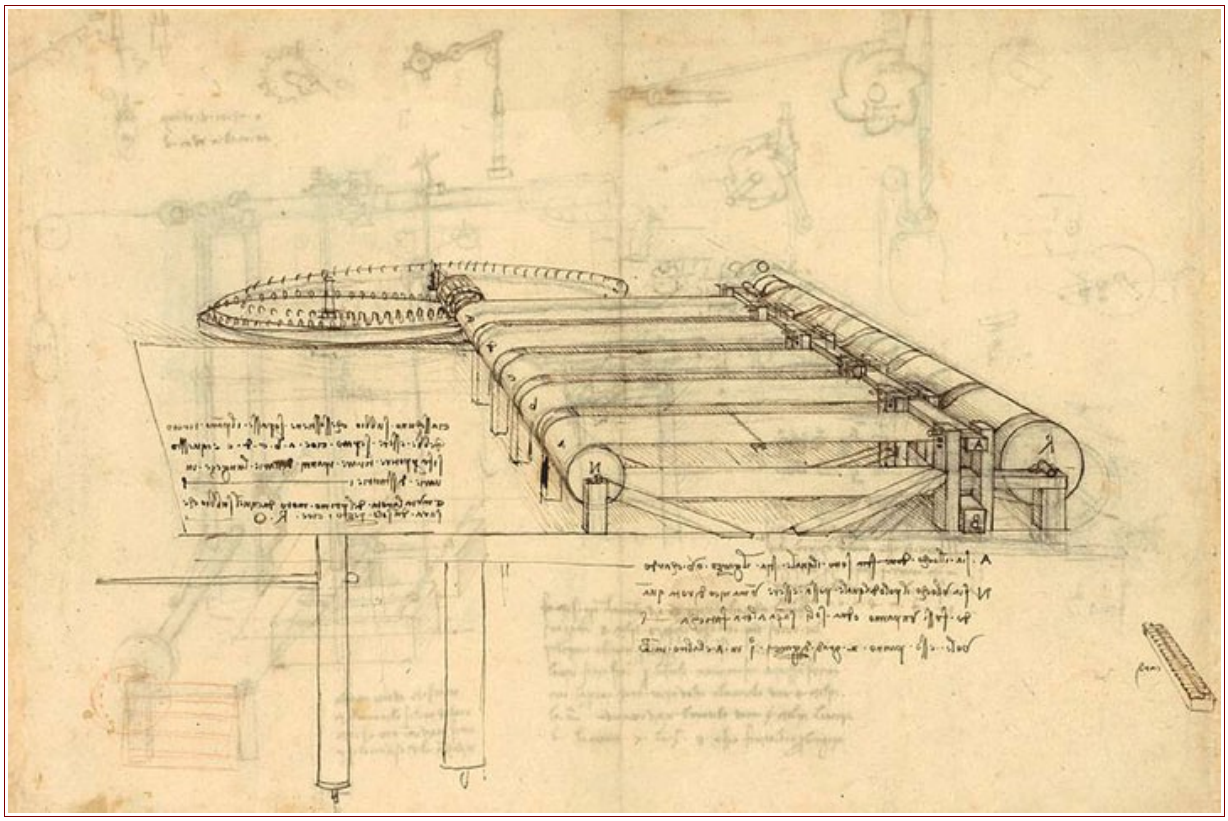
Projekt Obrabiarki Włókienniczej
Shearing Machine Design
Codex Atlanticus
Leonardo da Vinci



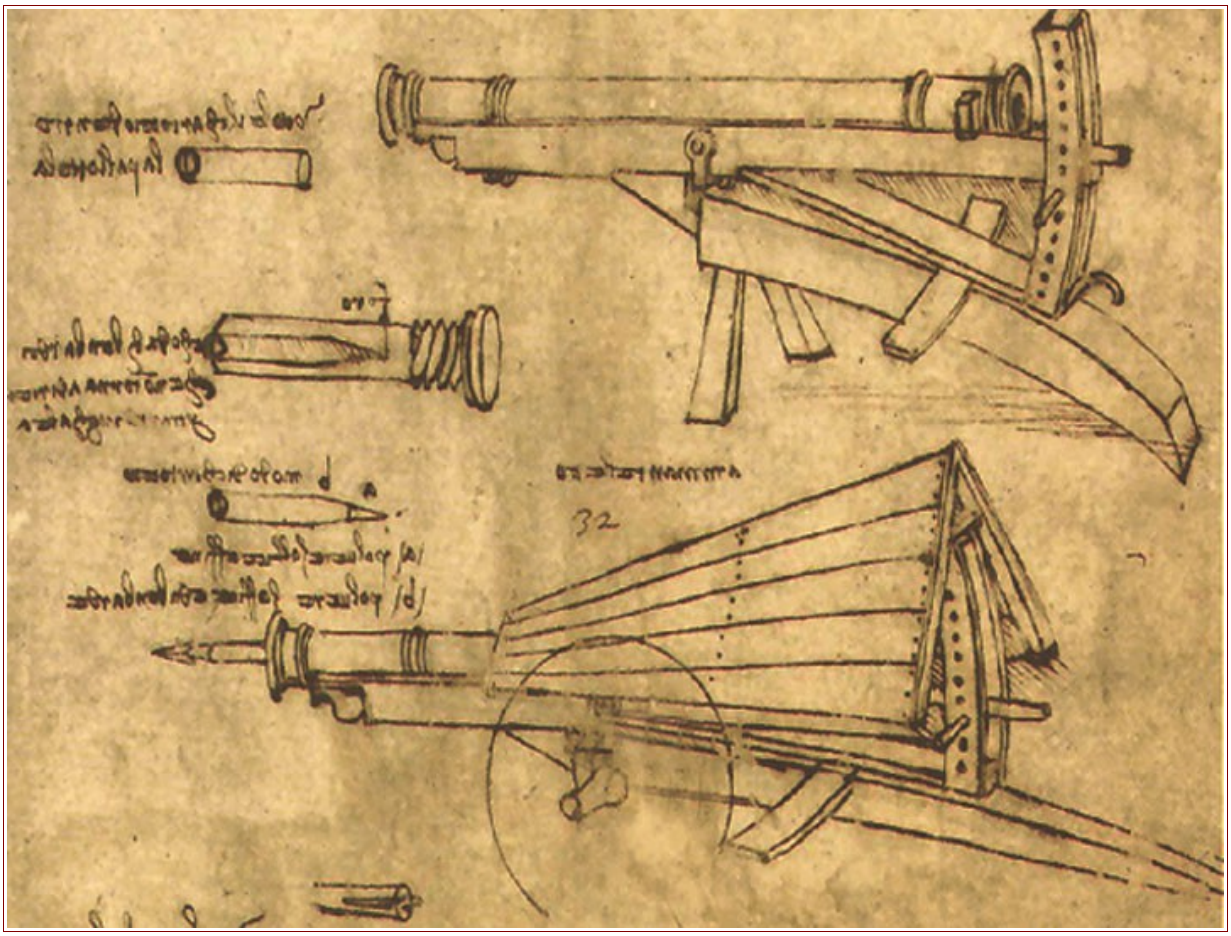
Projekt Obrabiarki Włókienniczej
Shearing Machine Design
Codex Atlanticus



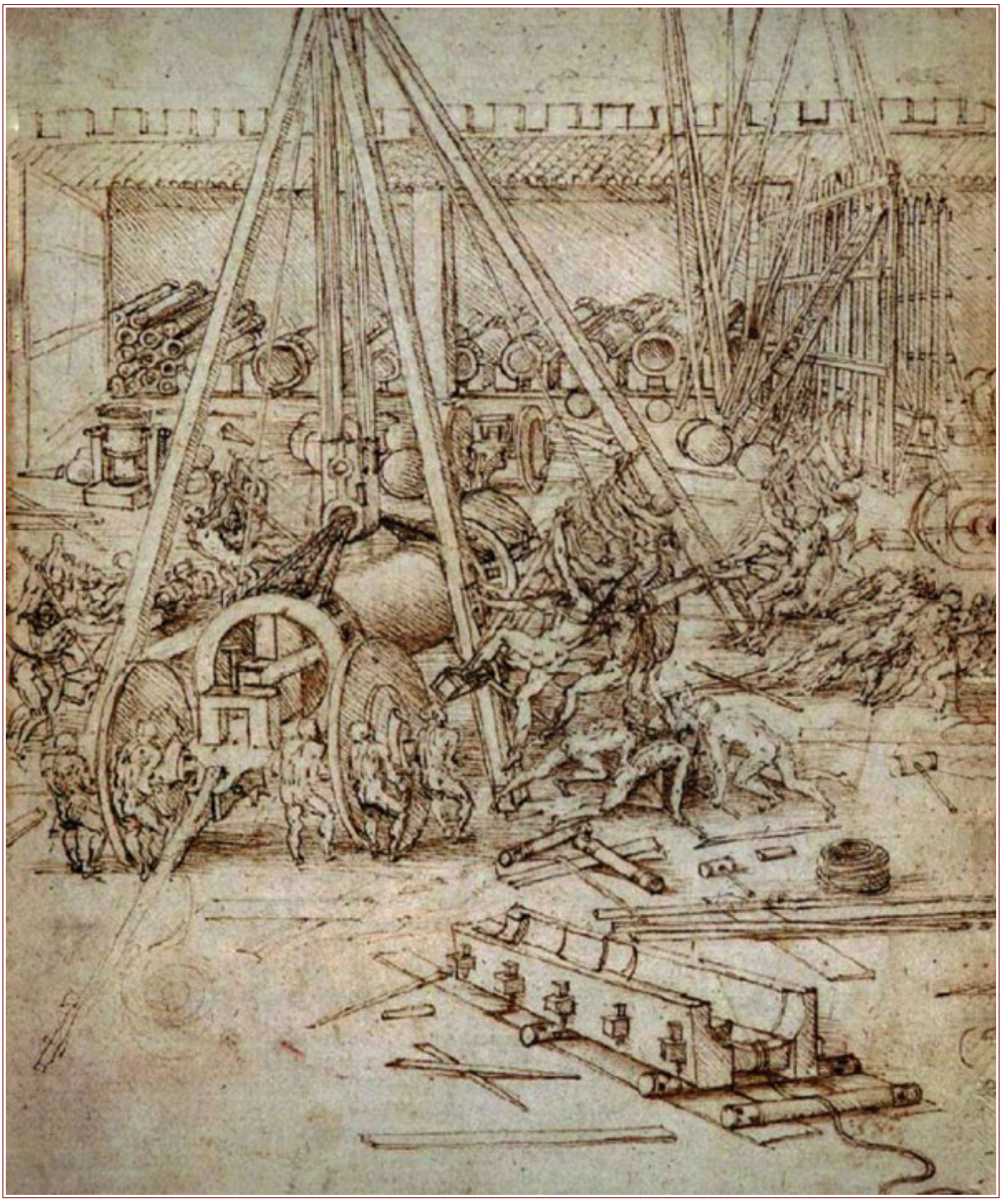
Projekt Maszyny Włókienniczej
Textile Machine Design
Codex Atlanticus
Leonardo da Vinci



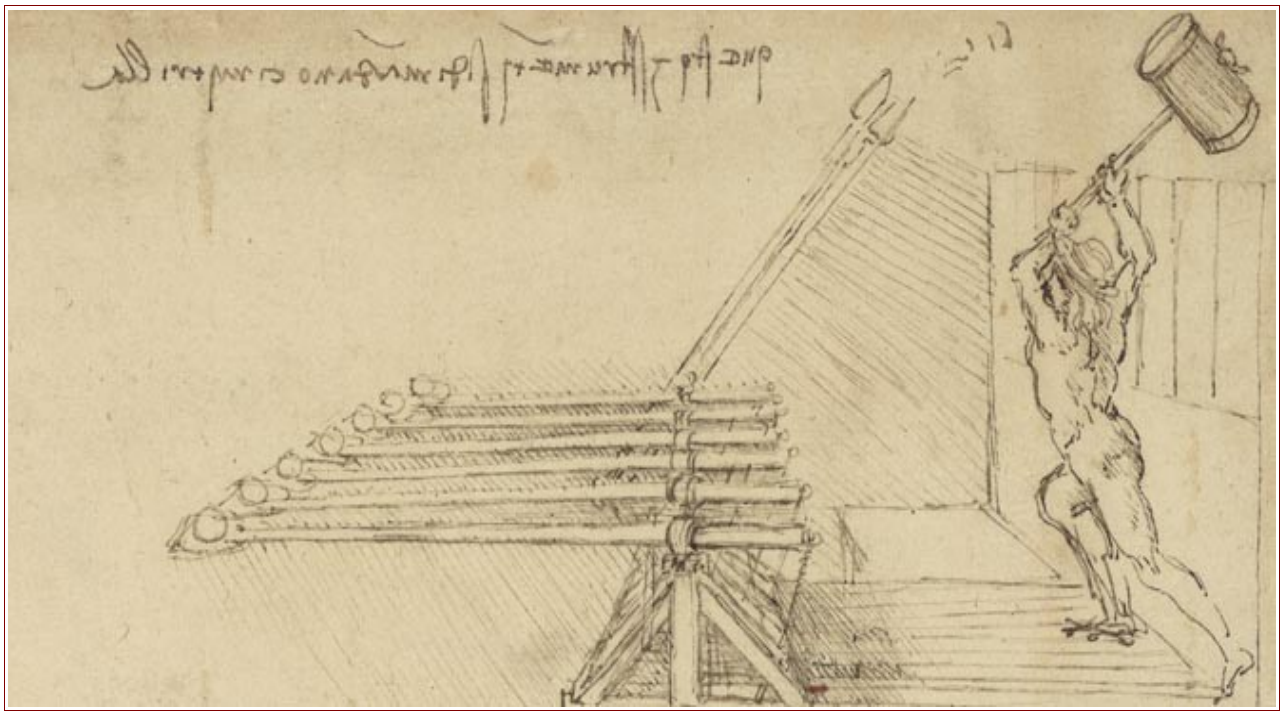
Projekt Maszyny Włókienniczej do Produkcji Pluszu



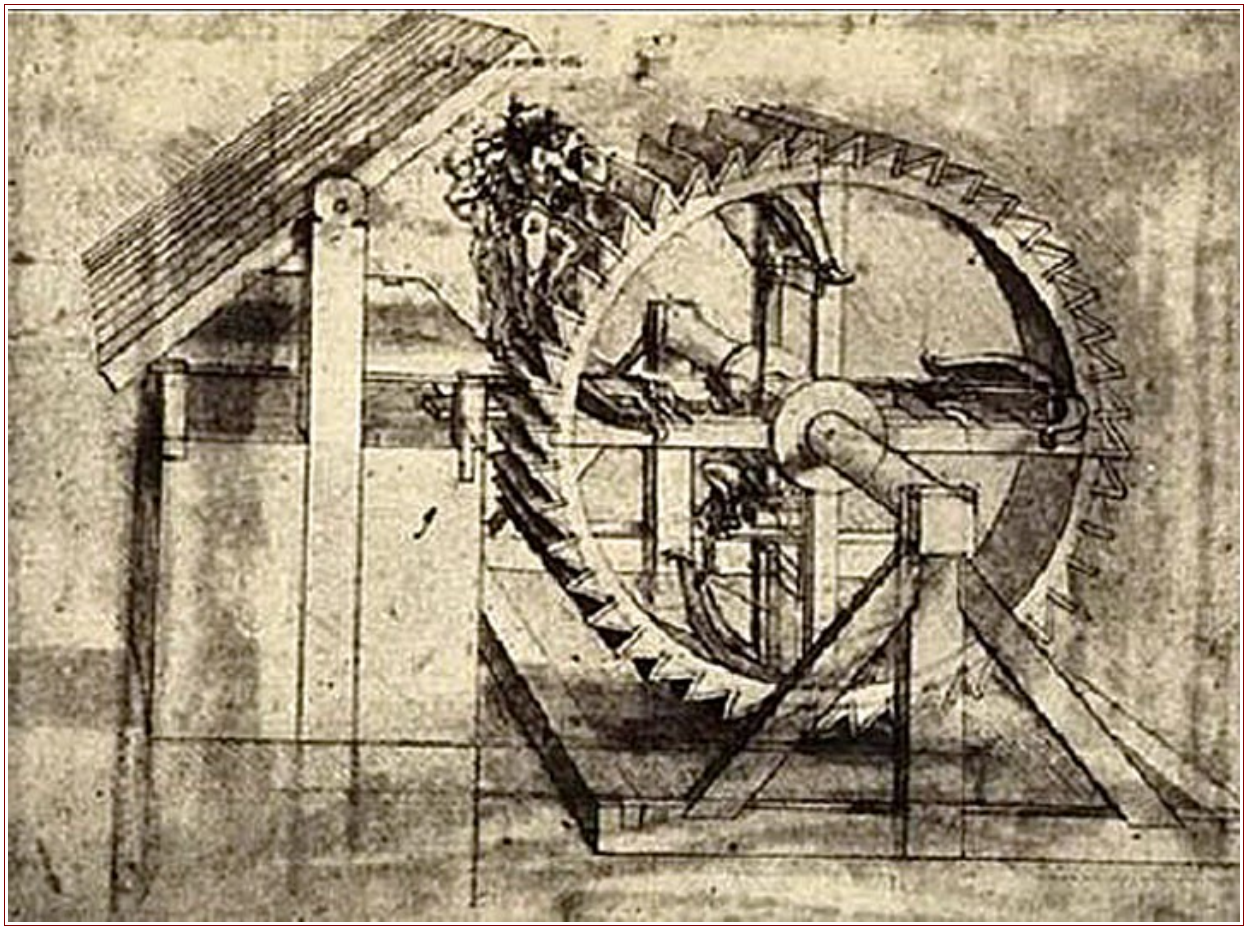
Projekt Działa
Canon



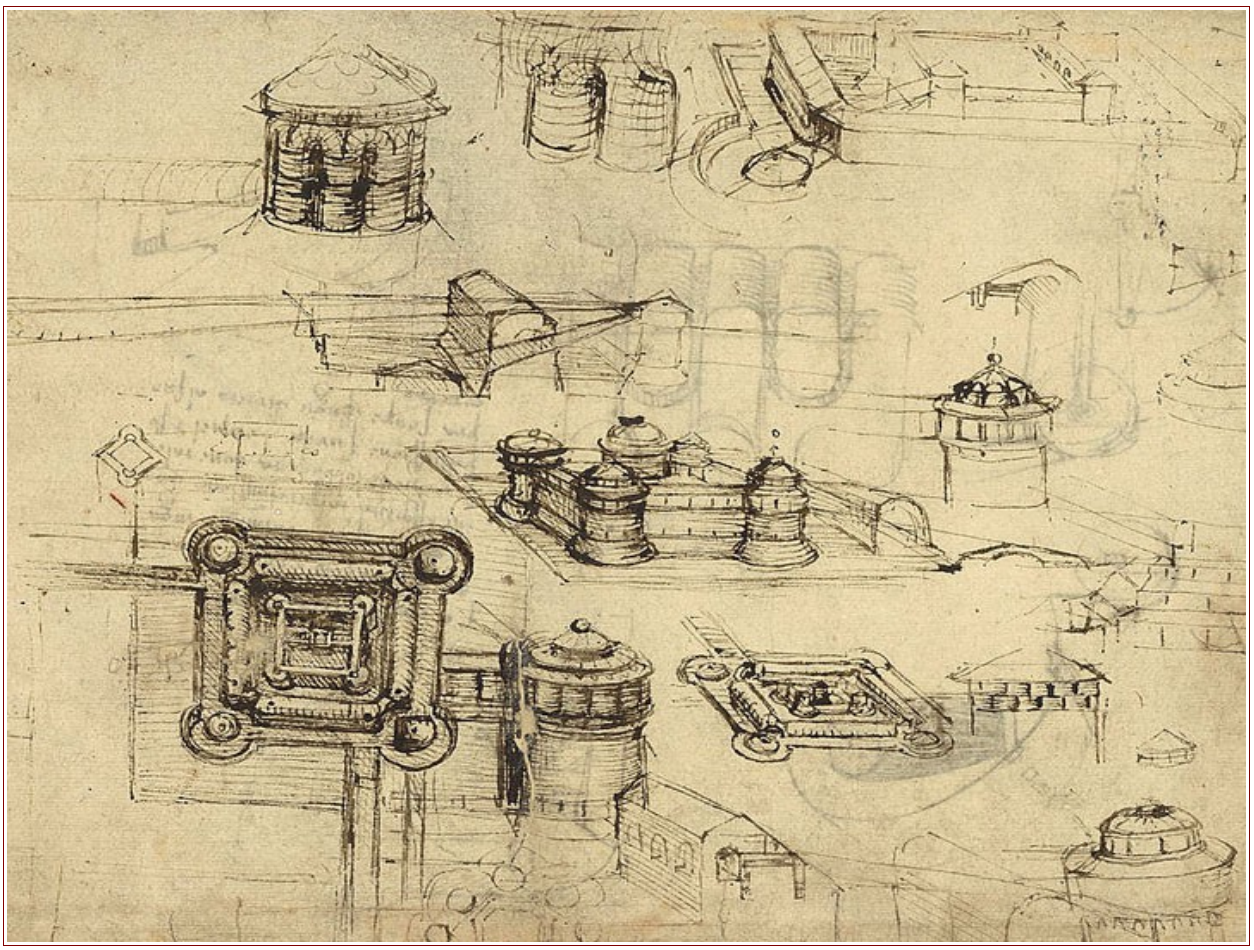
Artyleria
Artillery Park
Leonardo da Vinci



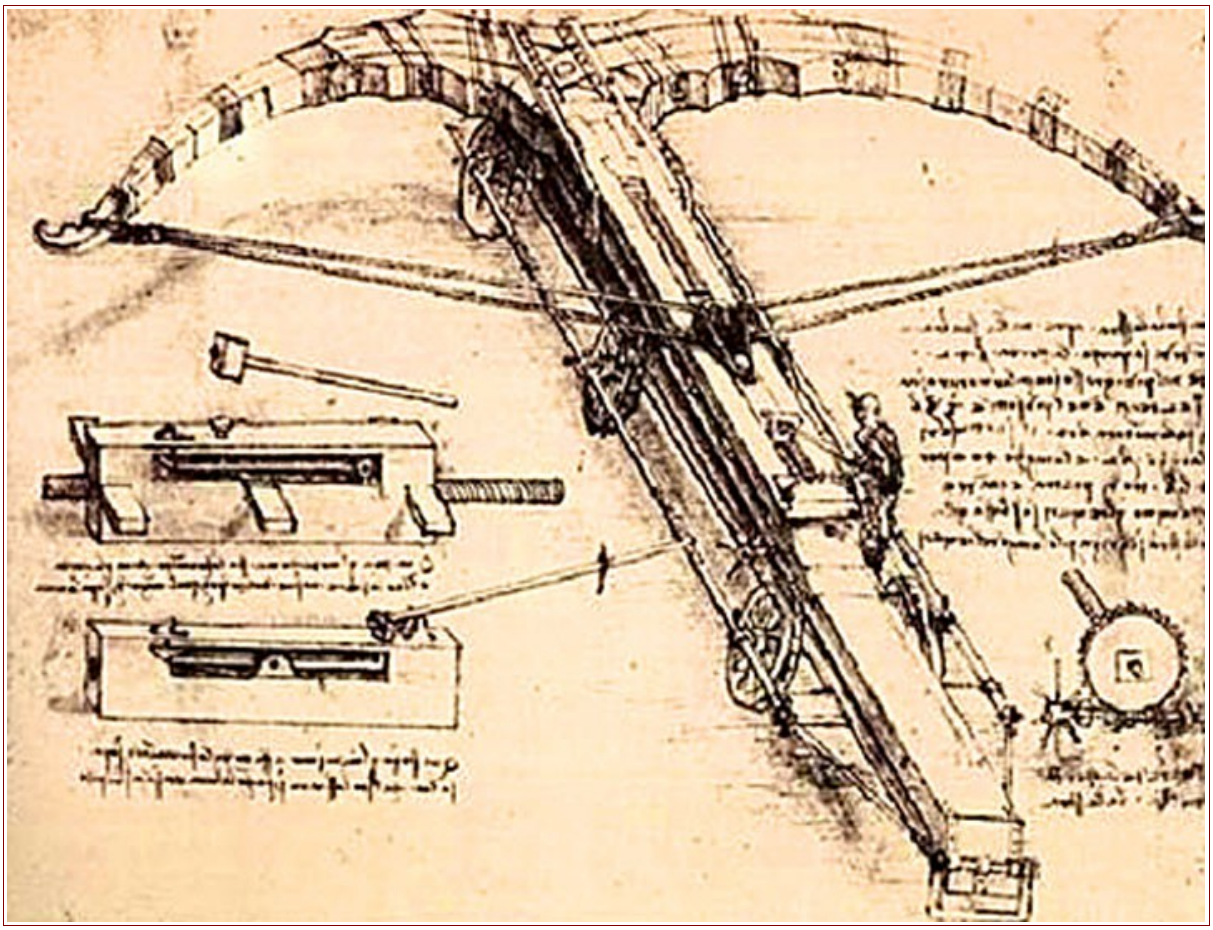
Katapulty
Catapult
Leonardo da Vinci



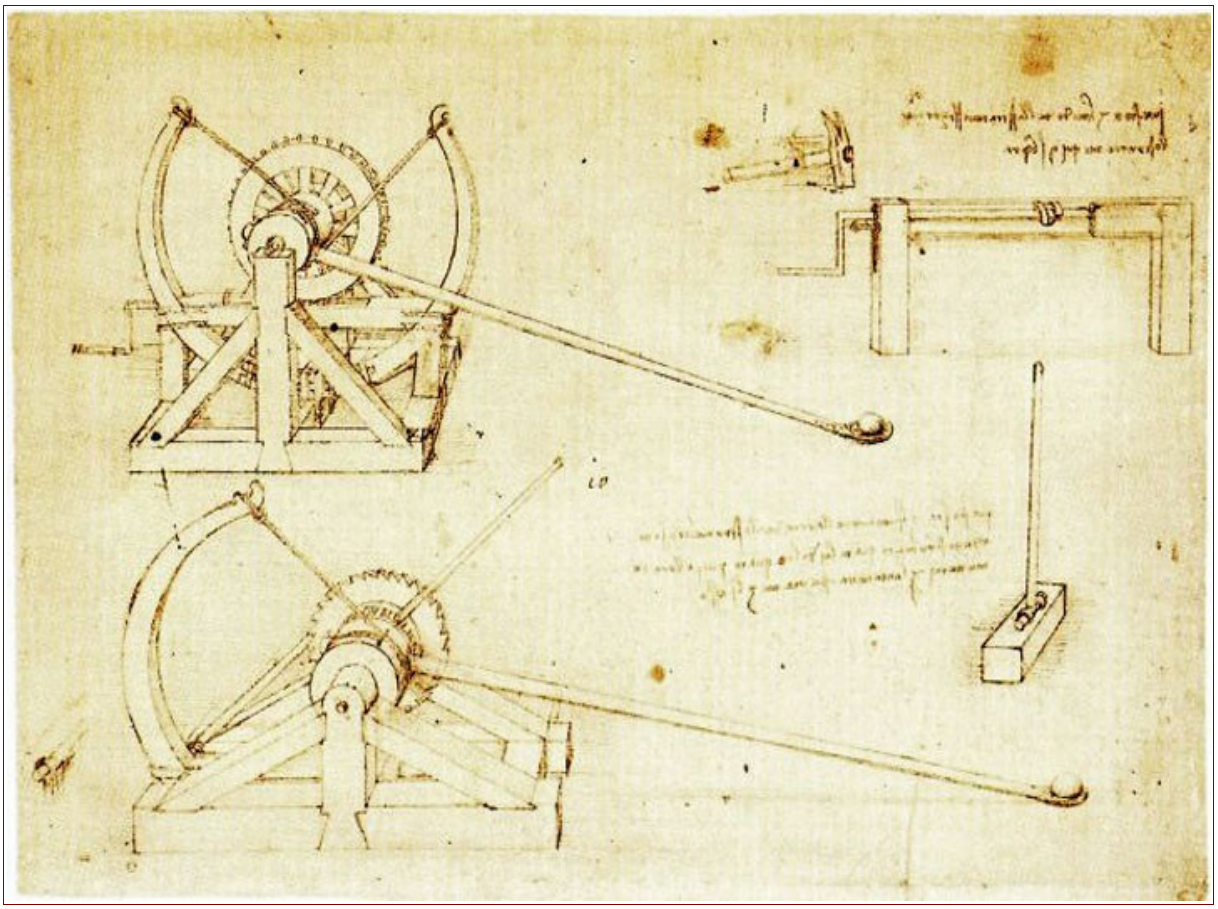
Machina Wojenna
Weaponry
Leonardo da Vinci



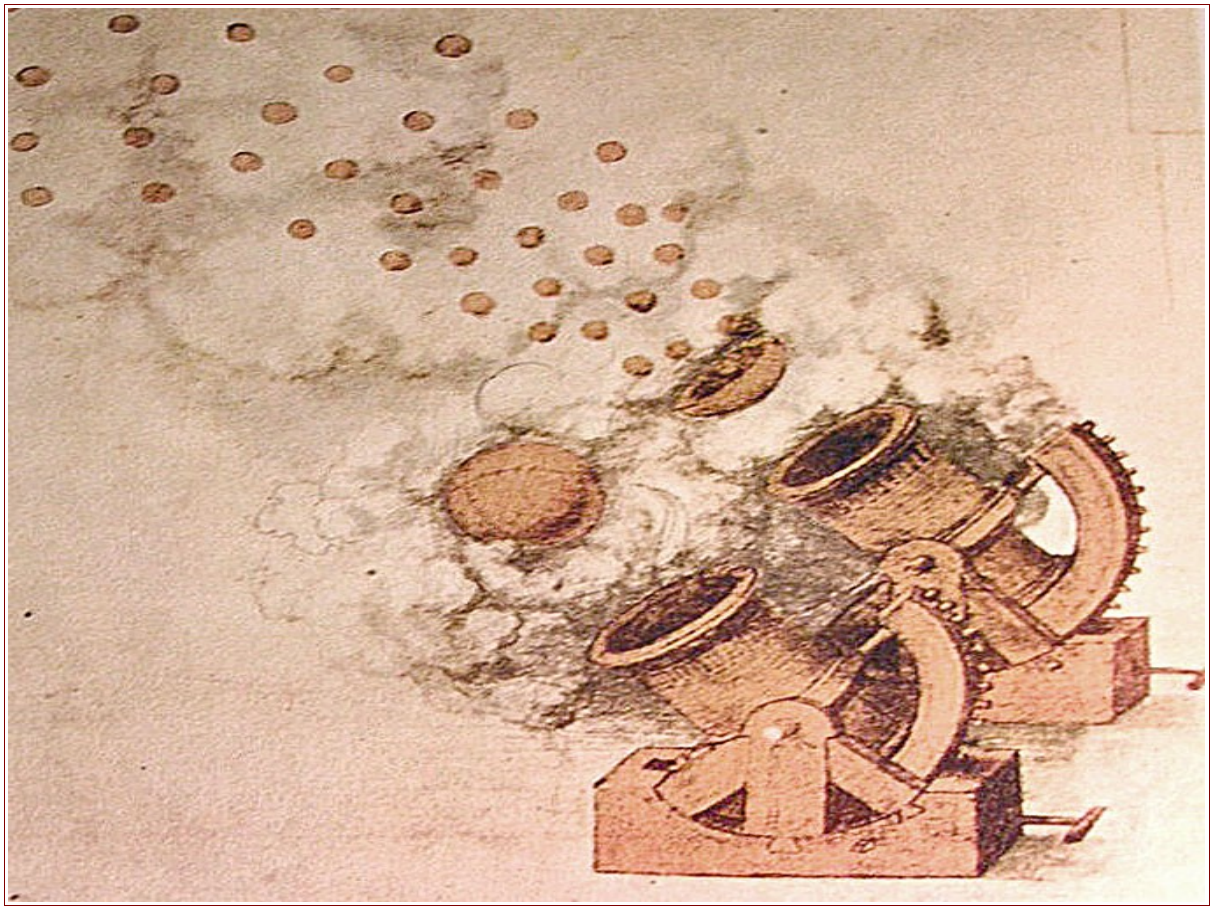
forteca Obronna
Fortres
Leonardo da Vinci
(Codex Atlanticus)



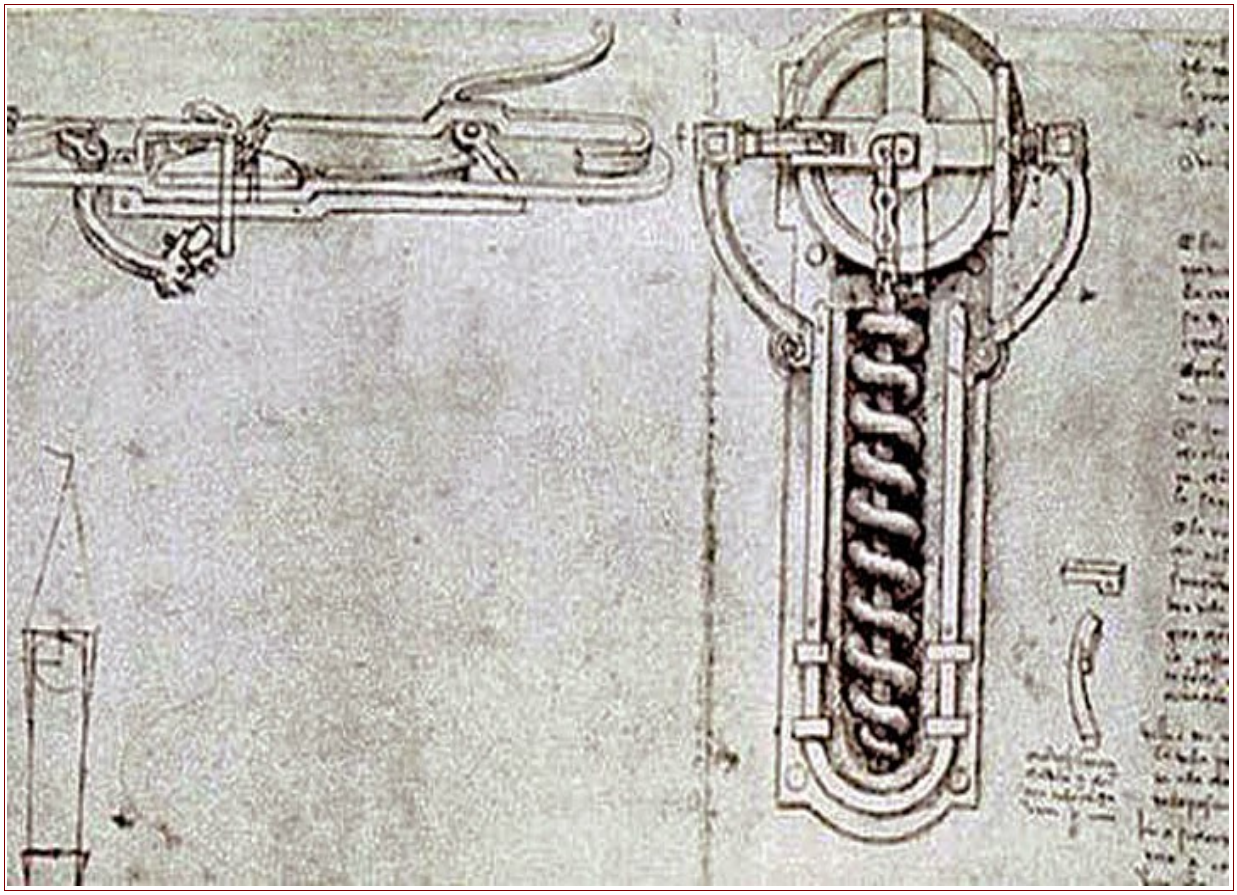
Wielka Kusza
Huge Crossbow
Leonardo da Vinci



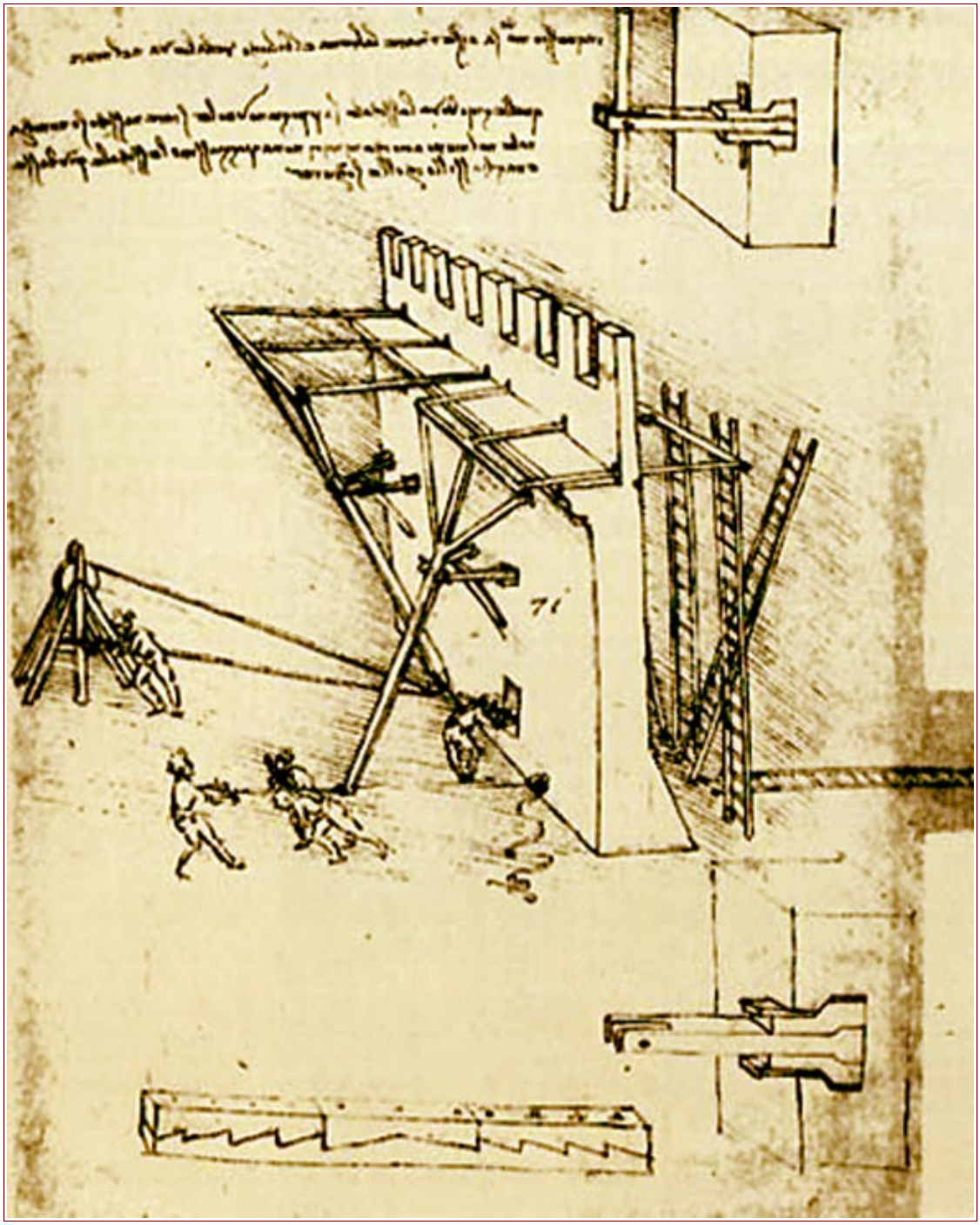
Katapulta
Catapult
Leonardo da Vinci



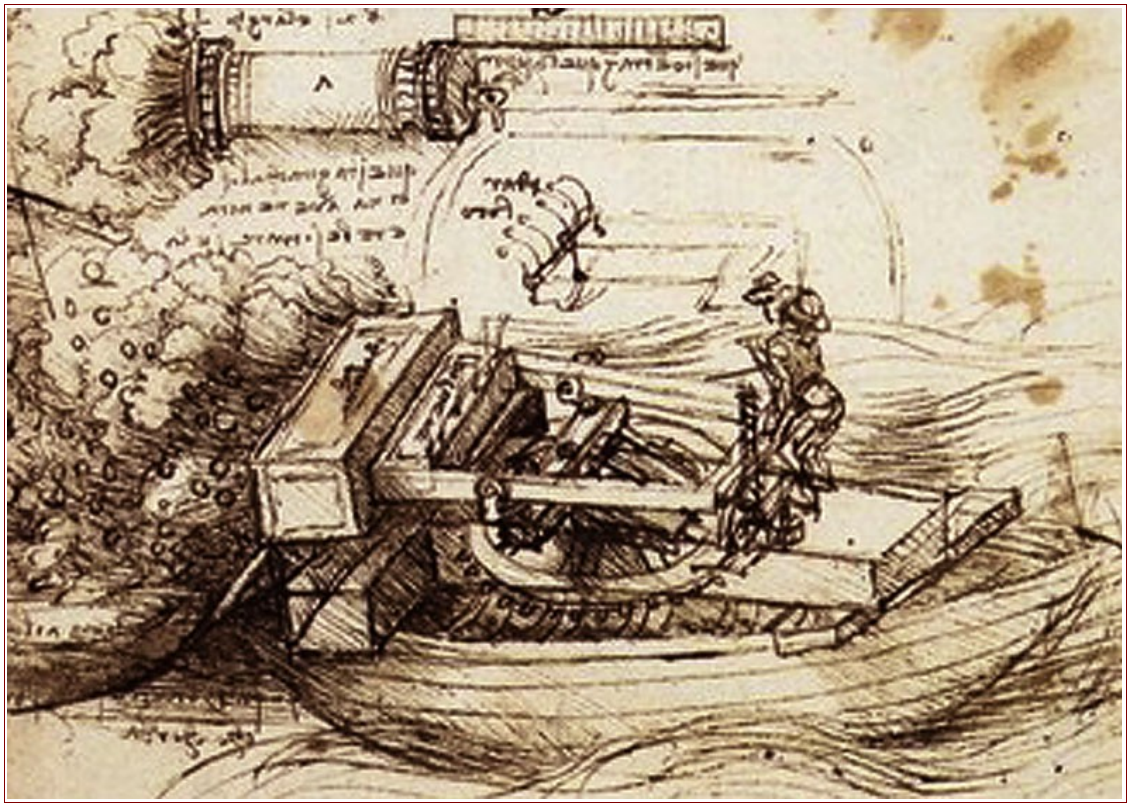
Działa
Cannons
Leonardo da Vinci



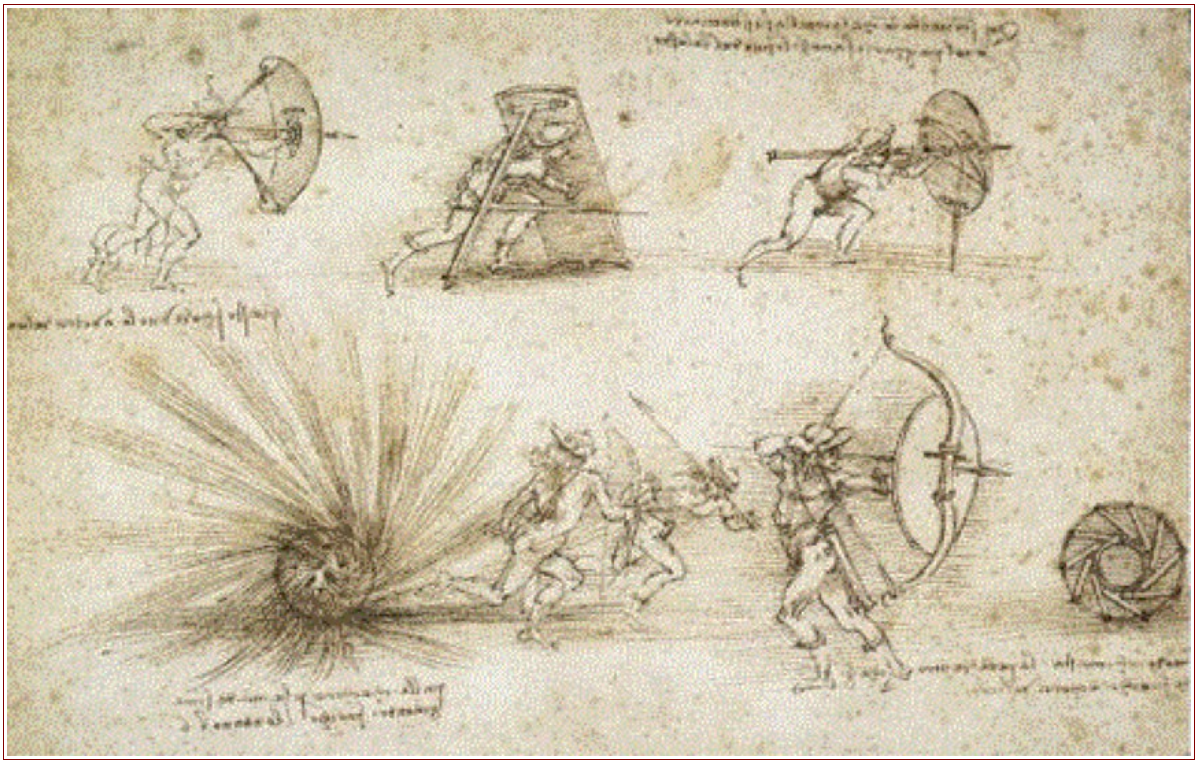
Mechanizm Zapalnika
Igniting Device
Leonardo da Vinci



System Obrony Fortecy
Fortress Defence
Leonardo da Vinci

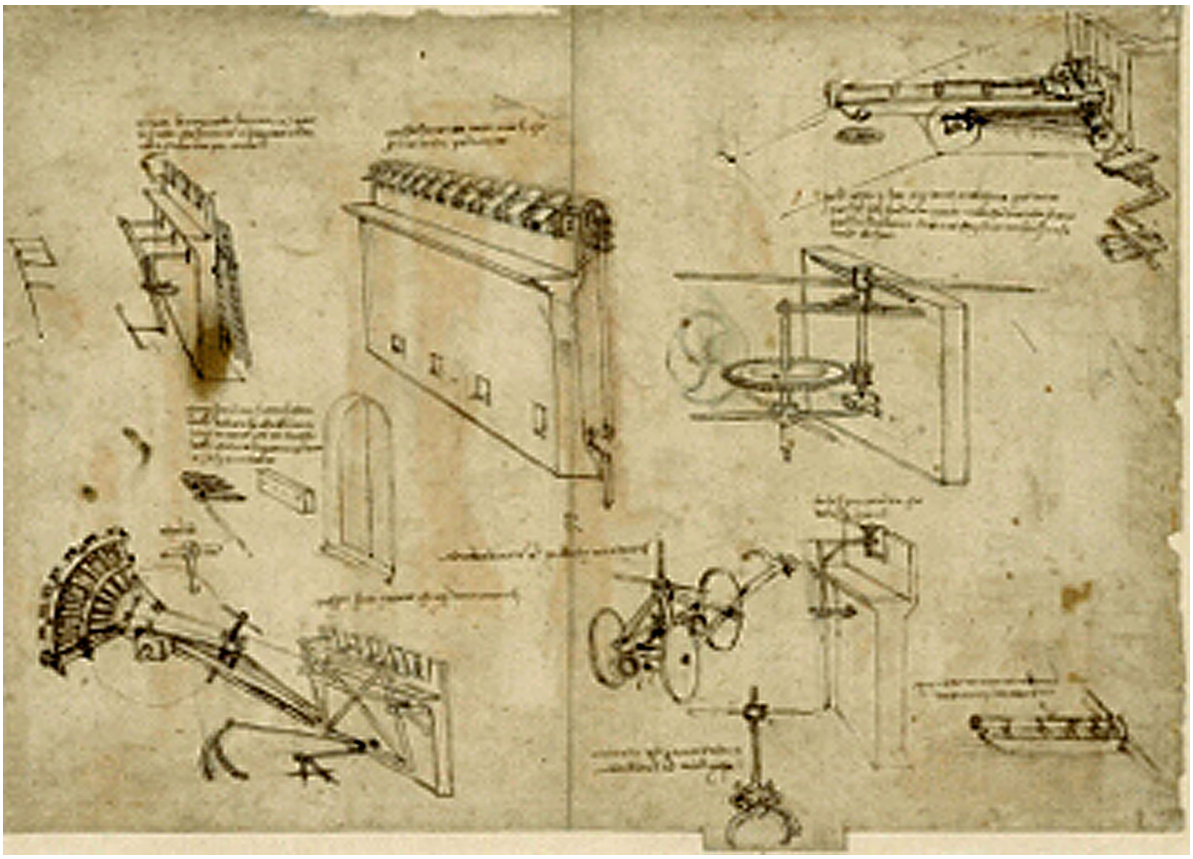


Leonardo da Vinci



Leonardo da Vinci

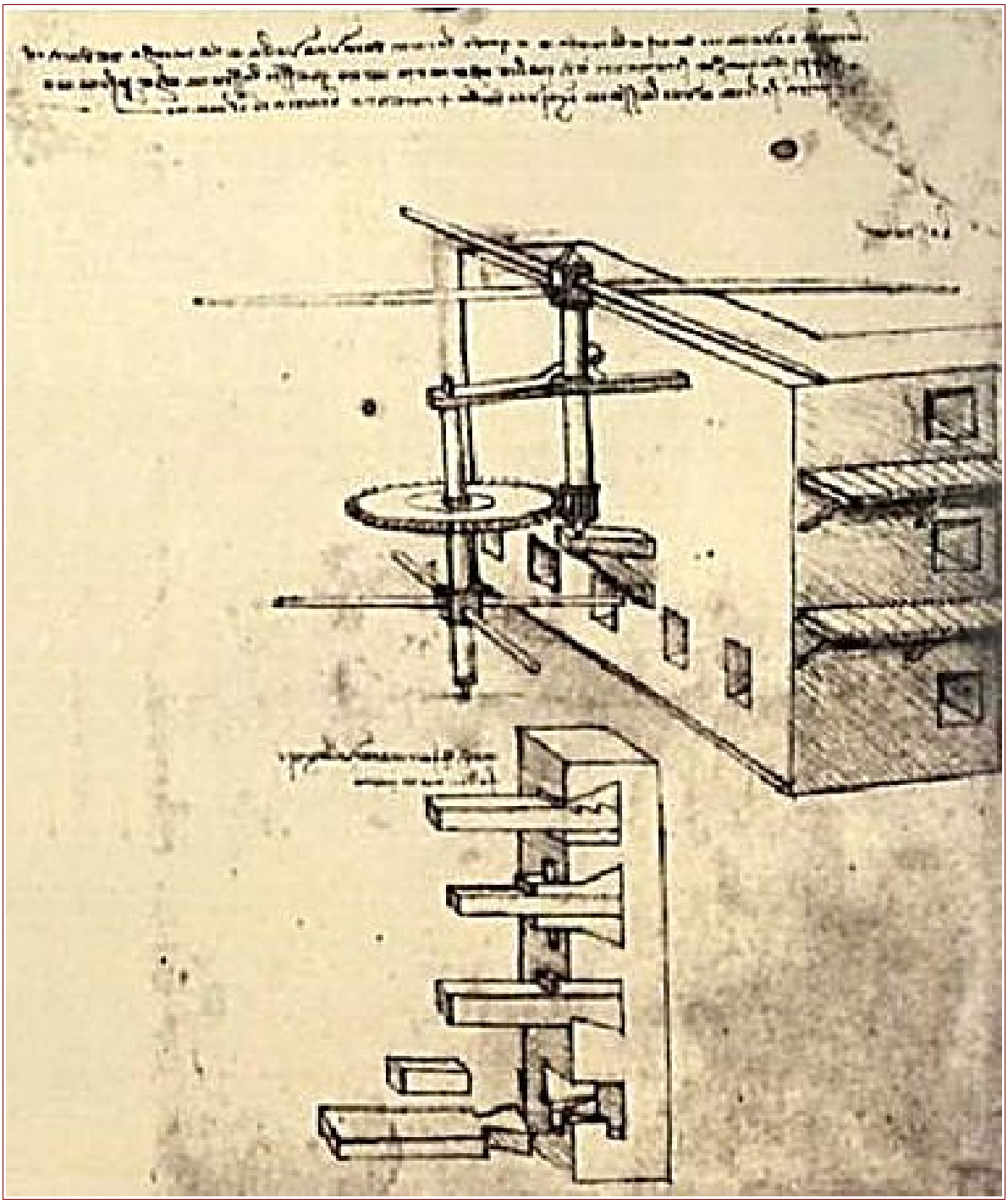
Pojazd Opancerzony
Tank
Leonardo da Vinci



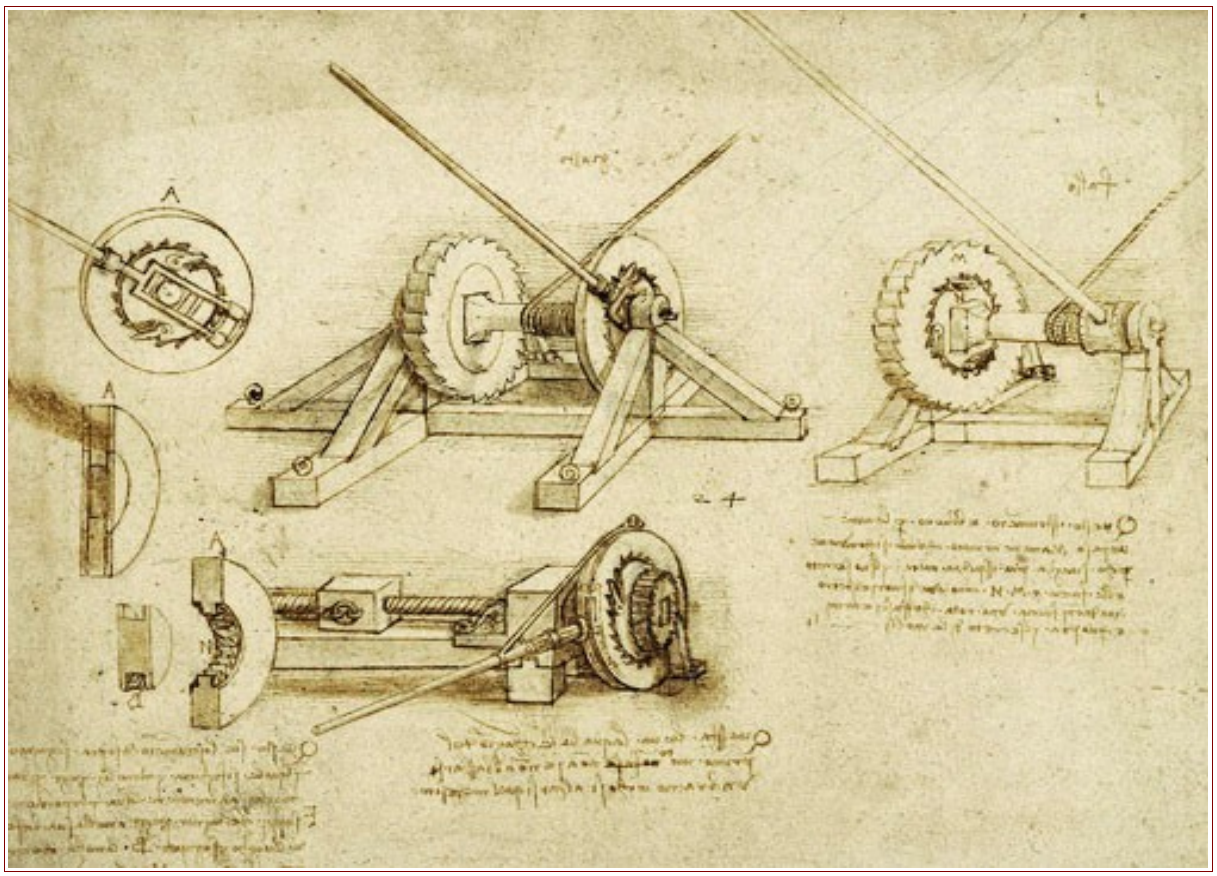
Projekt Broni
Machine Gun (?)
Leonardo da Vinci

Bron Wielolufowa
Machine Gun
Leonardo da Vinci

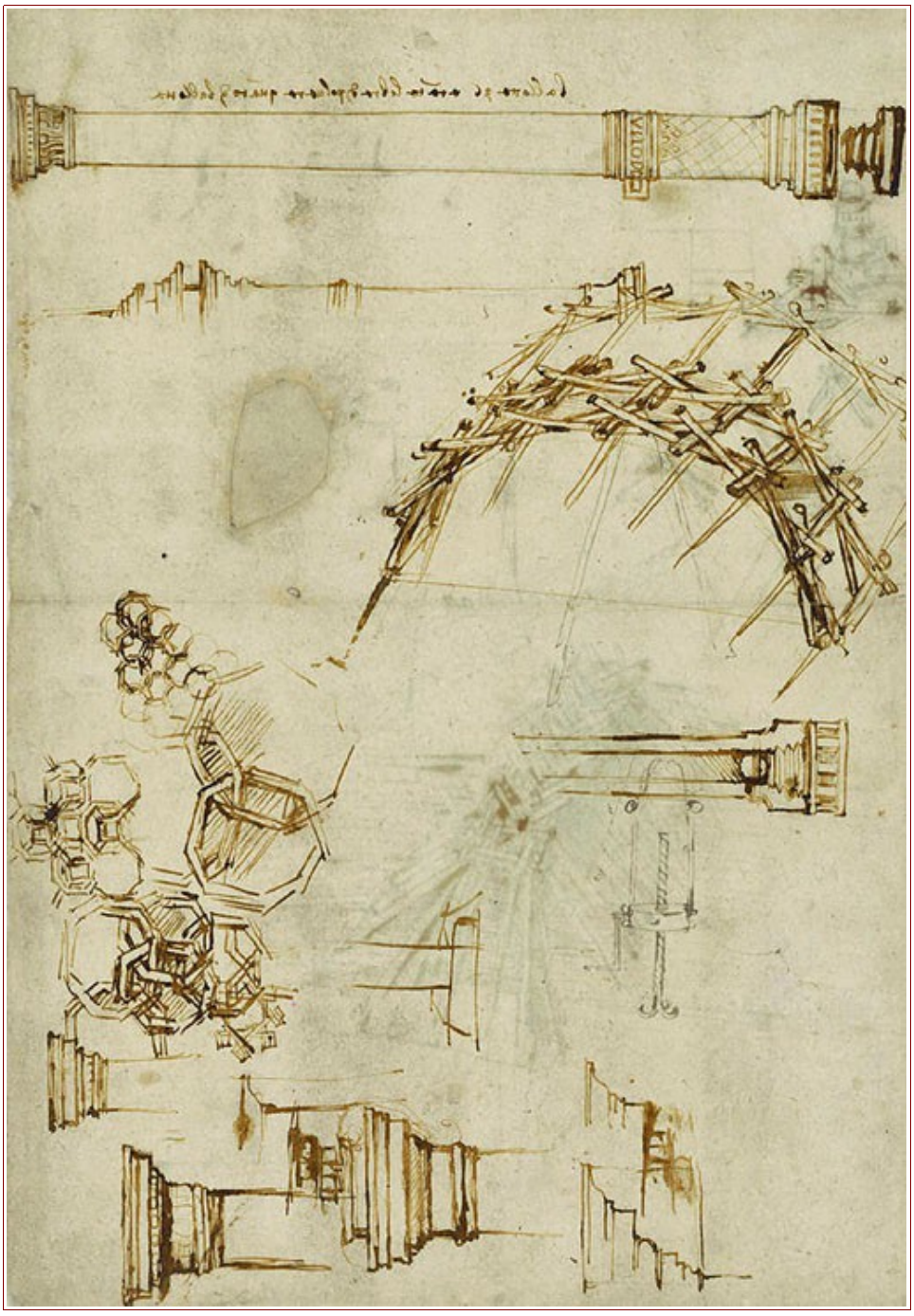
Szkic Rydwanu
Chariot
Leonardo da Vinci



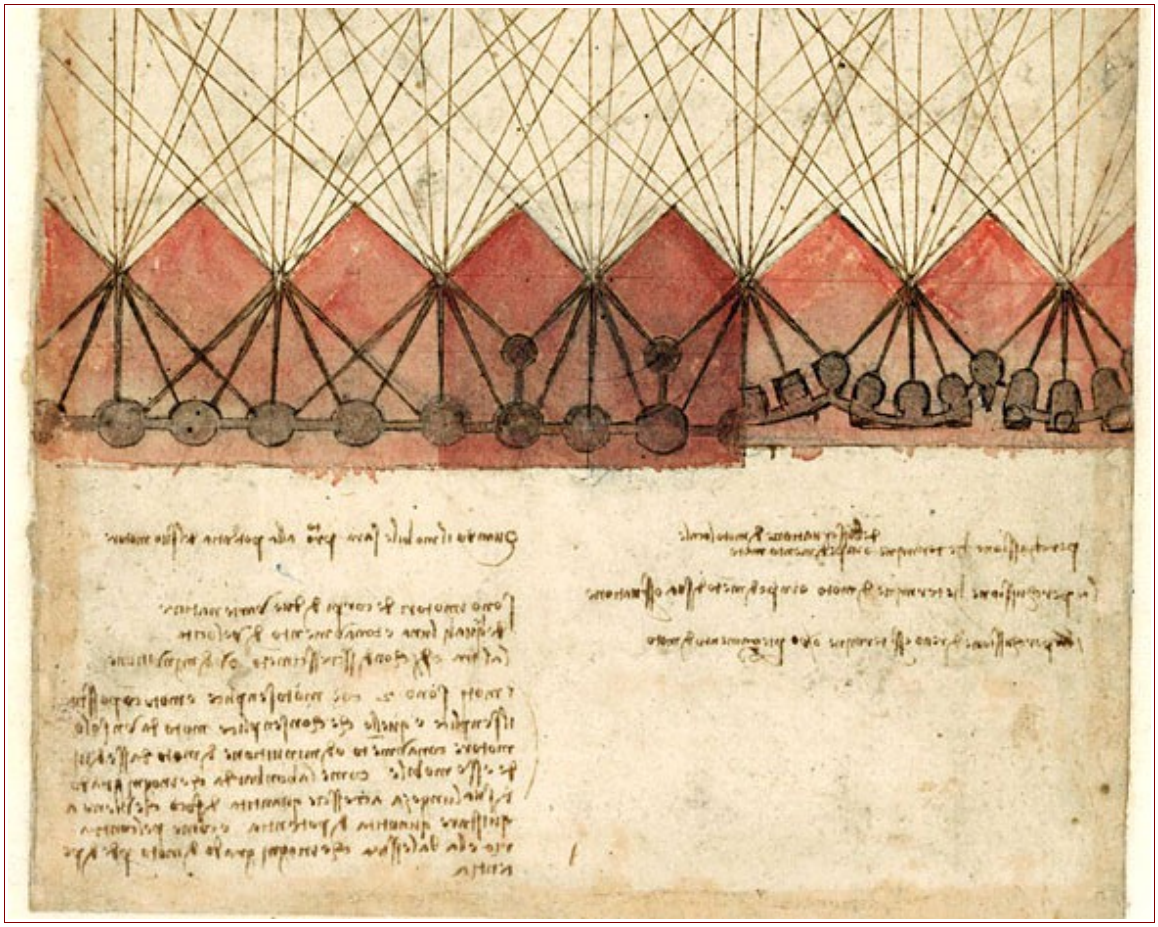
System Obronny
Siege Defence
Leonardo da Vinci



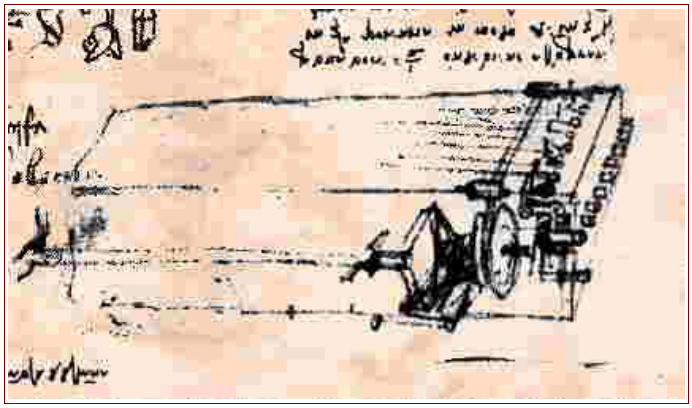
Mechanizm Katapulty i Drabiny
Mechanics of Catapult and a Ladder
Leonardo da Vinci



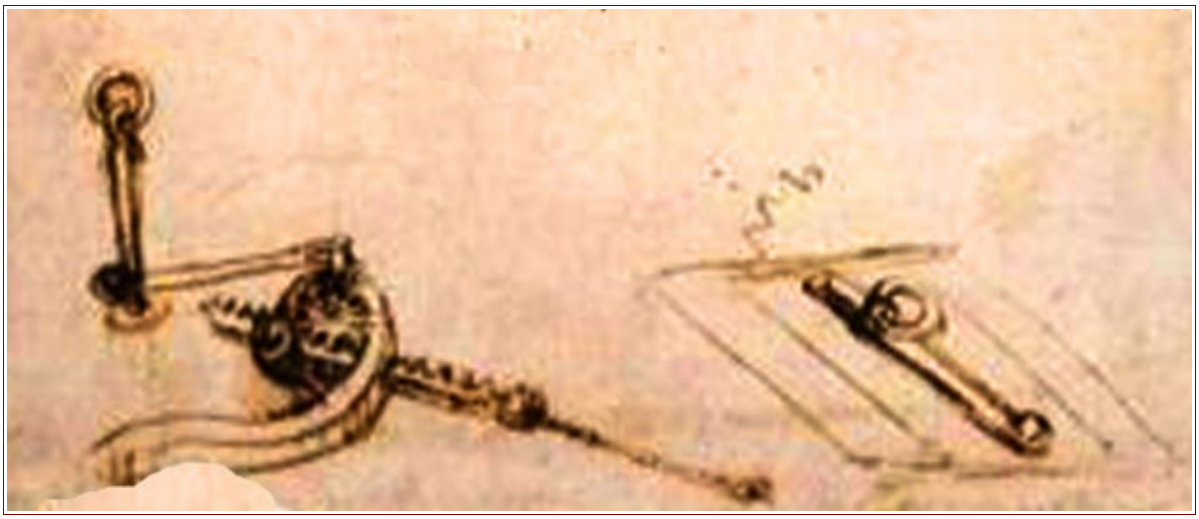
Bridge (Temporary) Design
Leonardo da Vinci



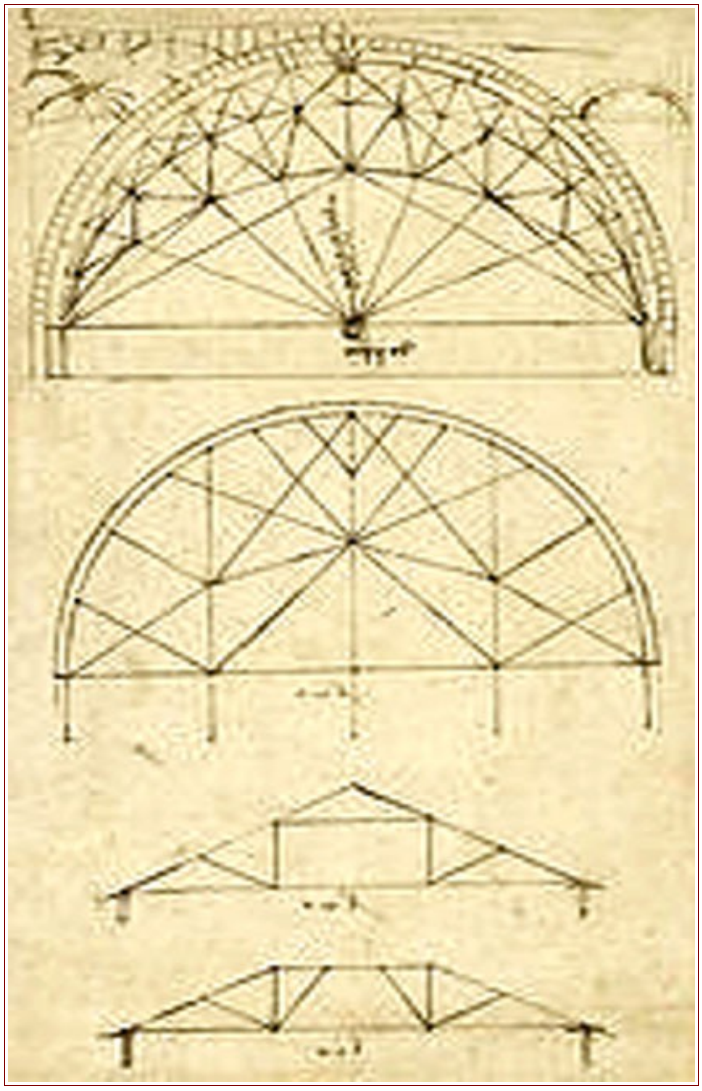
Codex Atlanticus
Leonardo da Vinci



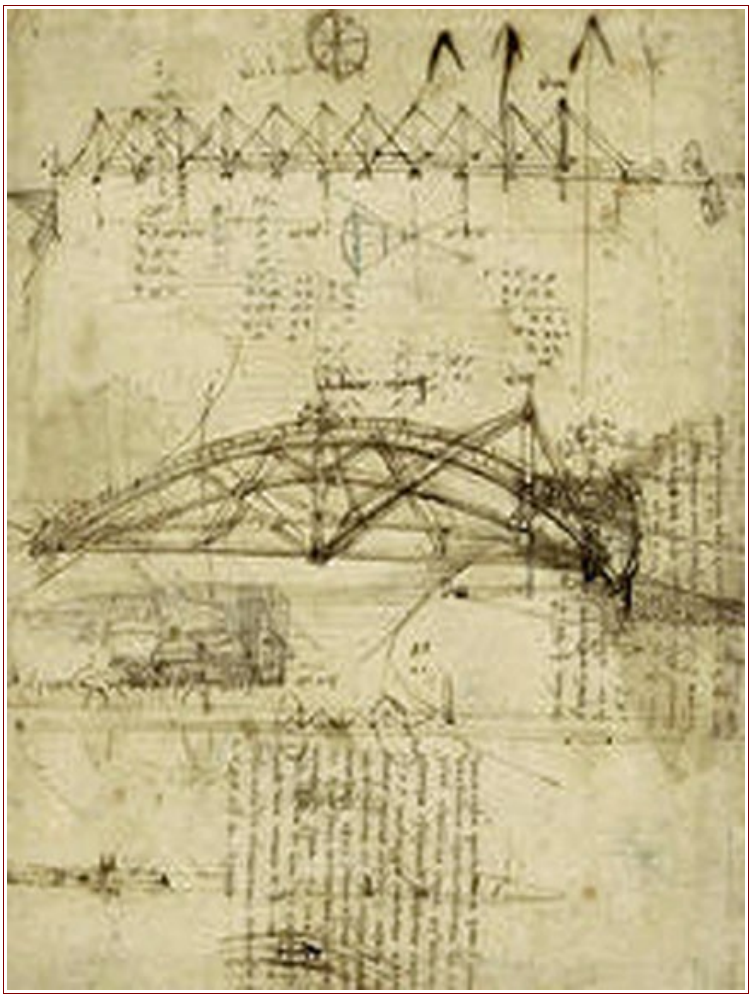
Projekt Instrumentu Muzycznego
Musical Instrument Design
Leonardo da Vinci



Projekt Mechaniczny
Mechanical Engineering
Leonardo da Vinci



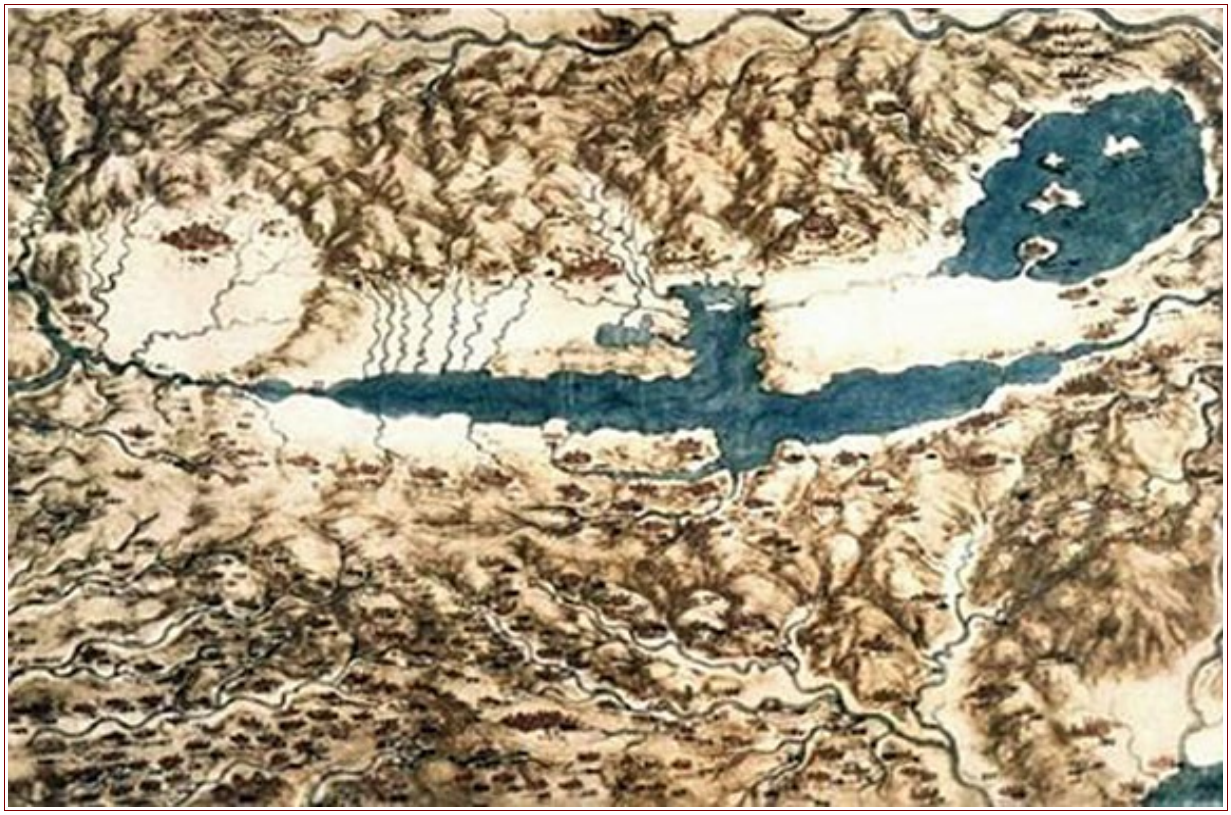
Projekt Architektoniczny Kopuły
Arch Design
Leonardo da Vinci



Projekt Przenośnego Mostu
Movable Bridge Design
Leonardo da Vinci

Mapa Wybrzeża
Leonardo da Vinci

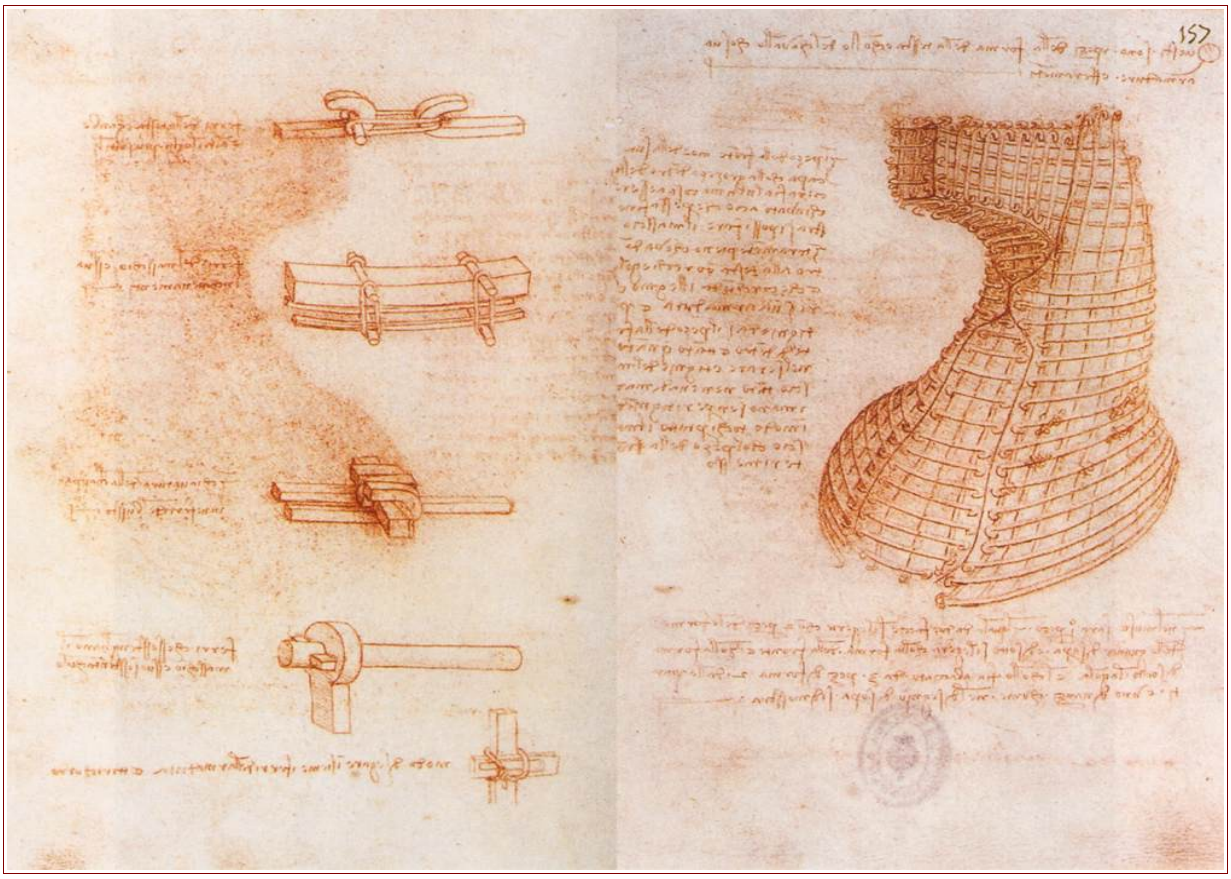
Mapa Arno
Map of Arno
Leonardo da Vinci



Mapa Doliny Chiana w Toskanii
Map of Chiana Valley in Toscany
Leonardo da Vinci

Plan Miasta
City Aerial Map
Leonardo da Vinci

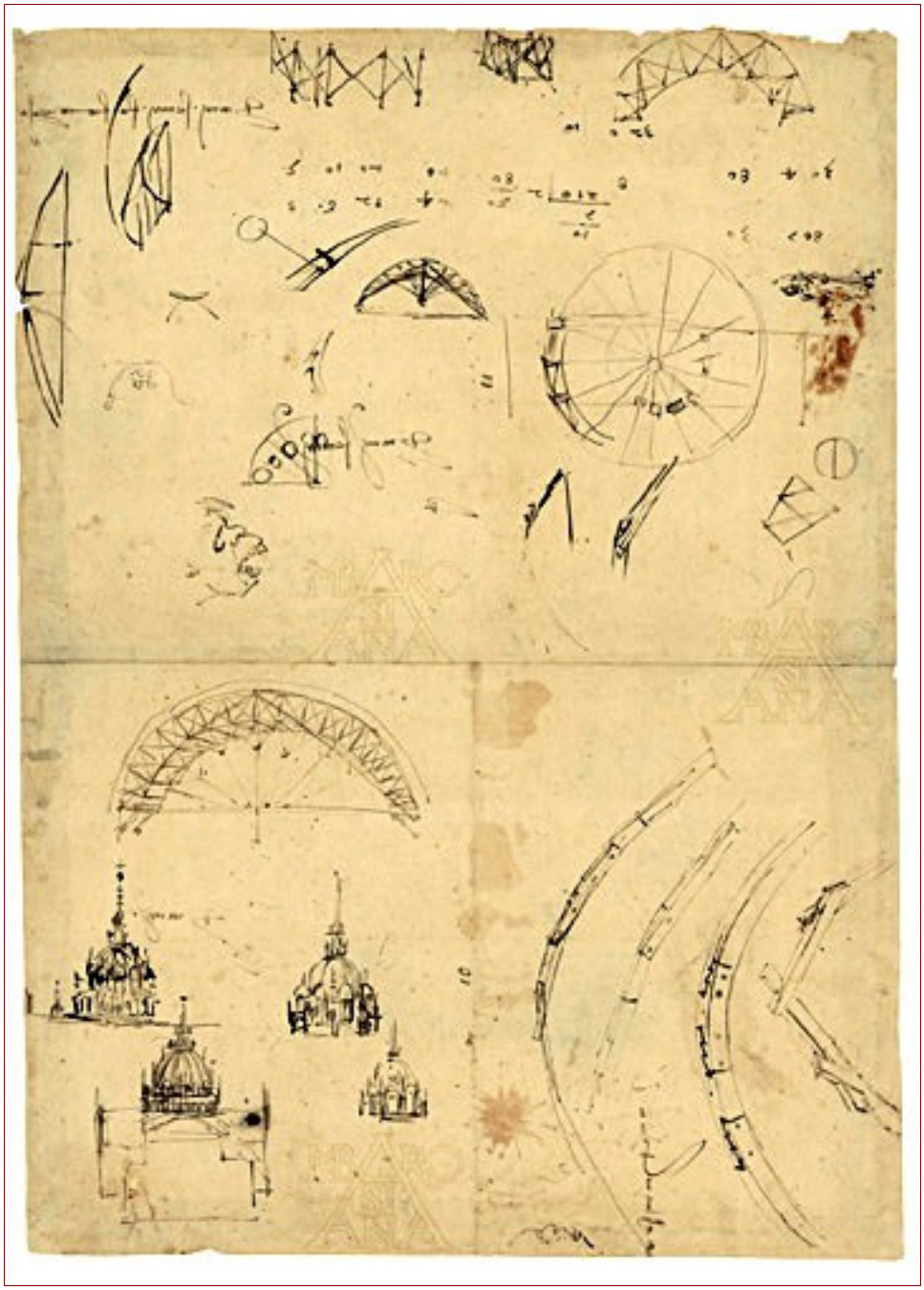
Mapa Toskani i Vinci
Map of Toscany and Vinci
Leonardo da Vinci



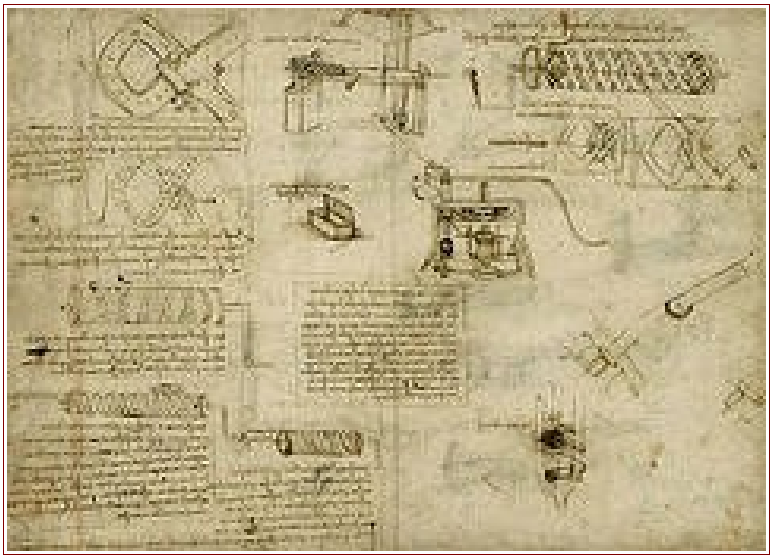
Projekt Rzezby
Scultpure Design
Leonardo da Vinci

Szkic Santa Maria Della Neve
Landscape-drawing of Santa Maria Della Neve 1473
Leonardo da Vinci

Szkic Miasteczka
Remote Landscape
Leonardo da Vinci



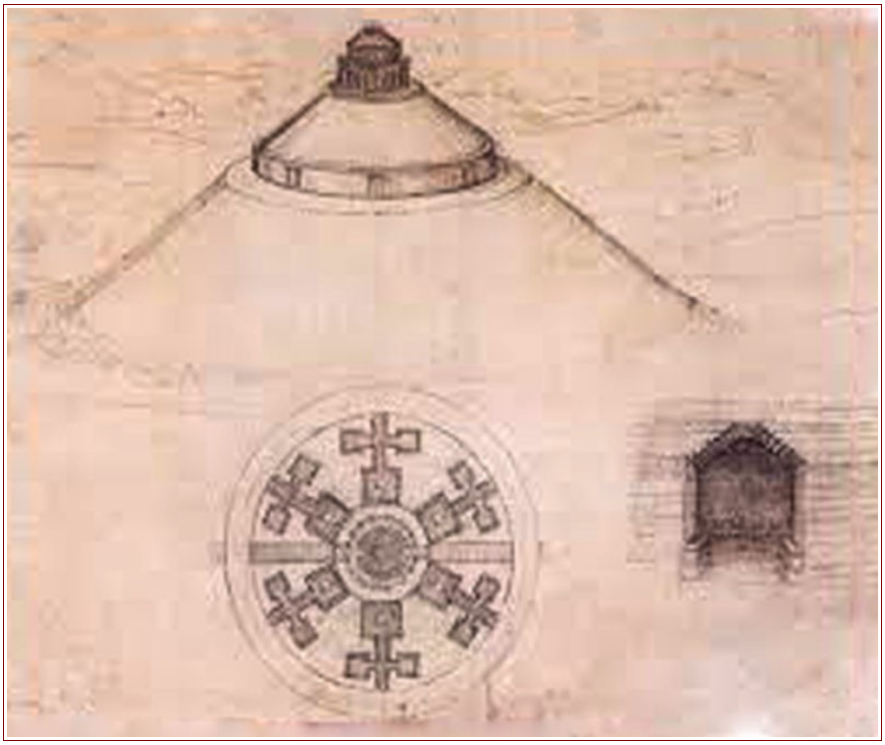
Projekt Architektoniczny
Architectural Design
Leonardo da Vinci



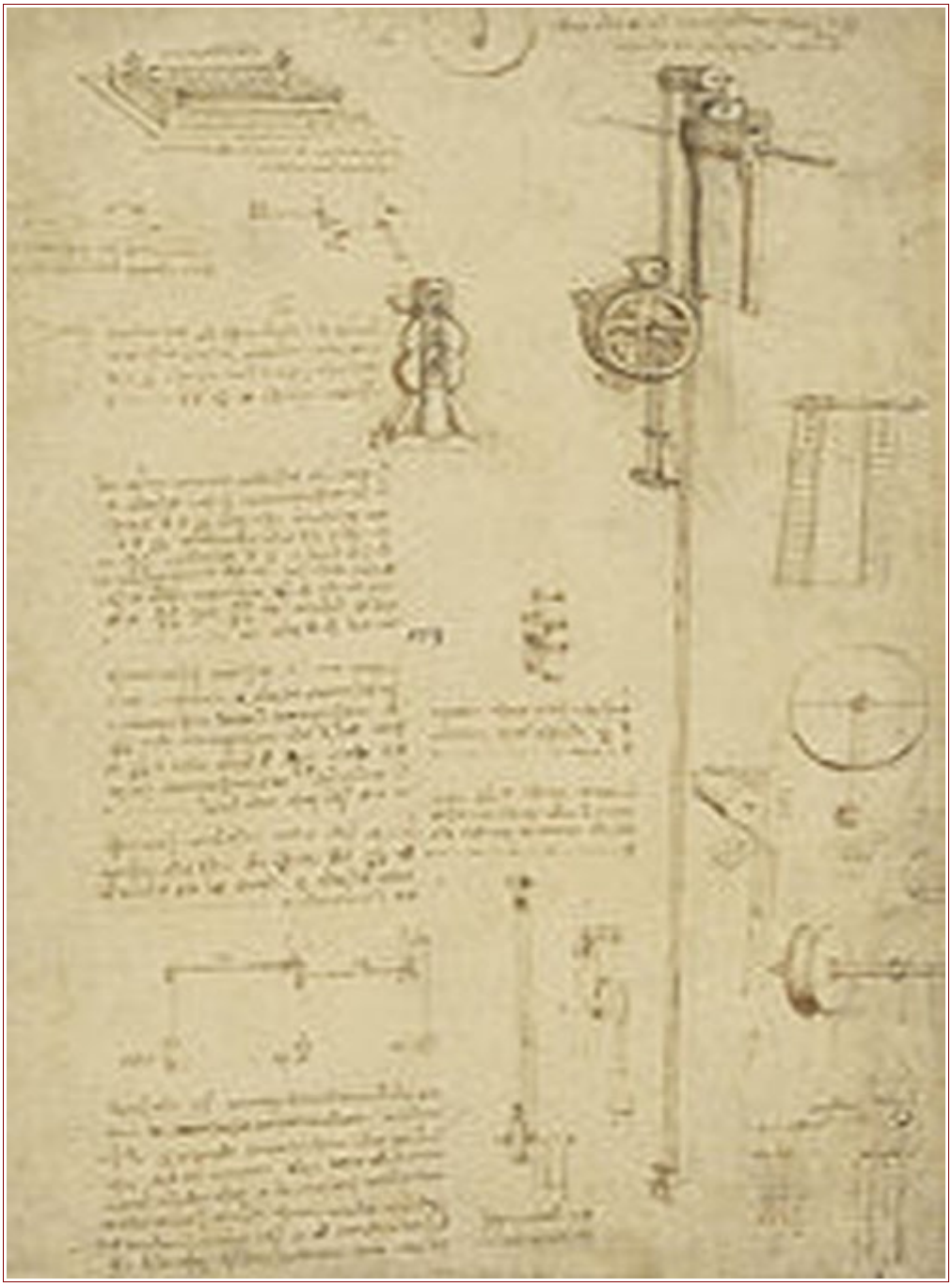
Projekty Urzadzen do Produkcji Oleju z Oliwek
Machine Design for Oil Production
Leonardo da Vinci

Projekt Architektoniczny
Architektural Design
Leonardo da Vinci

Projekt Katedry
Cathedral
Leonardo da Vinci

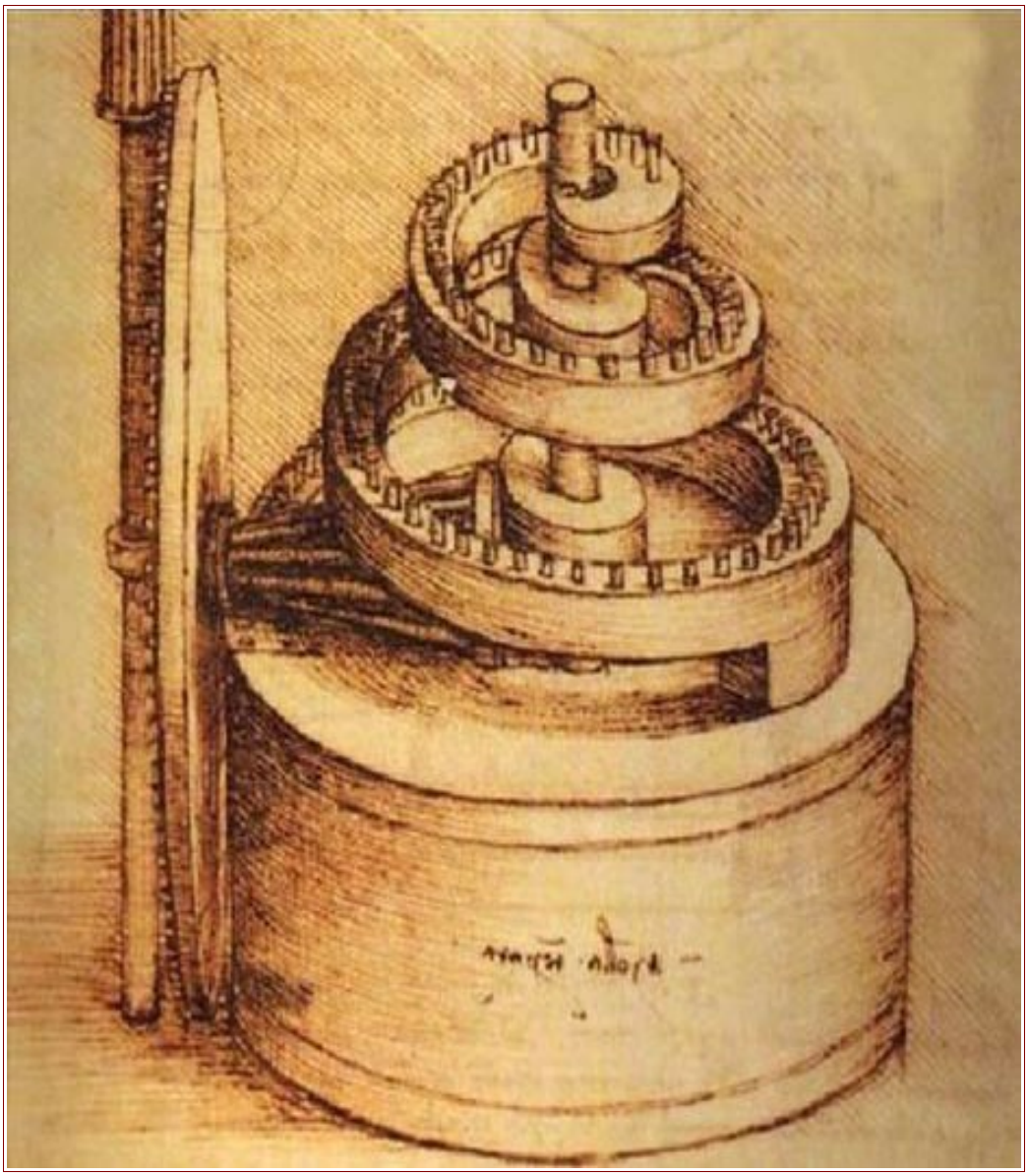


Leonardo da Vinci

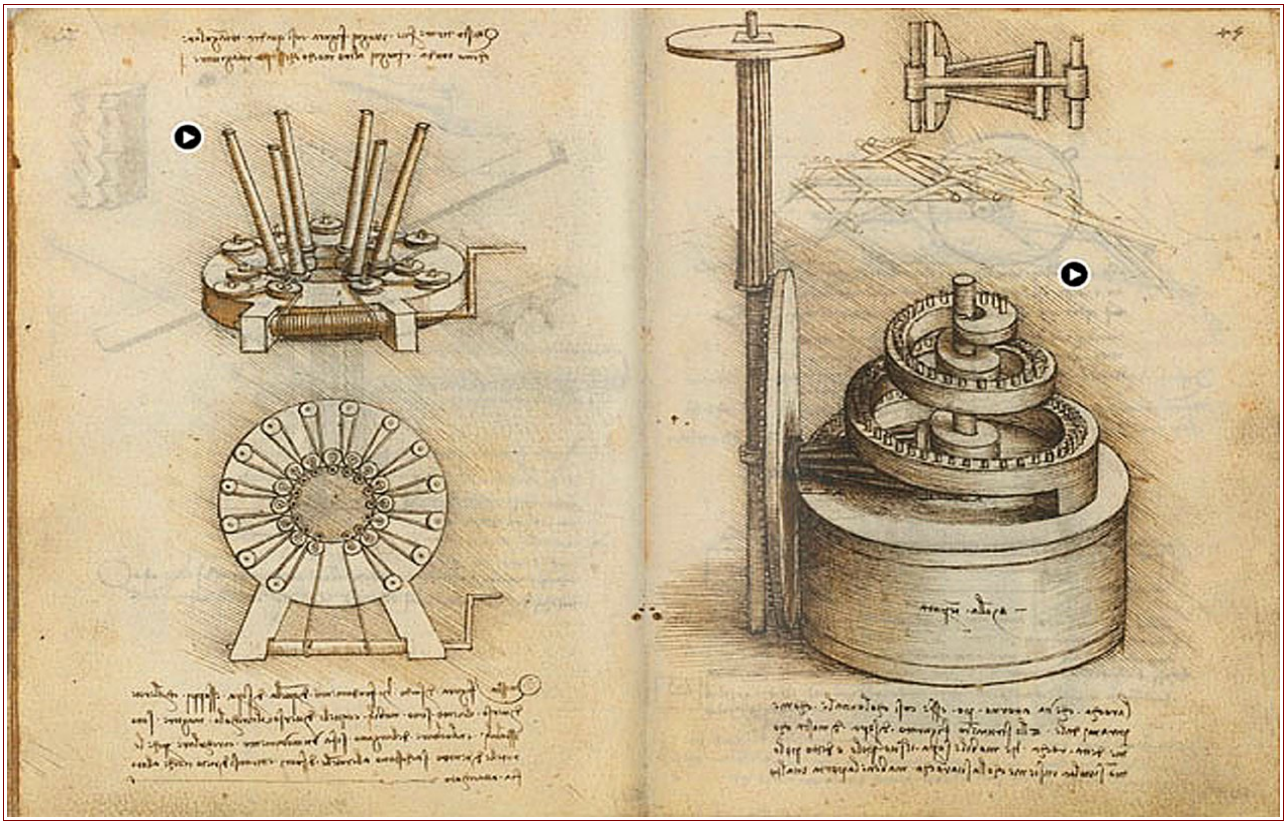


Studium i Kalkulacje Tarcia
Study and Calculations Determining Friction
Leonardo da Vinci

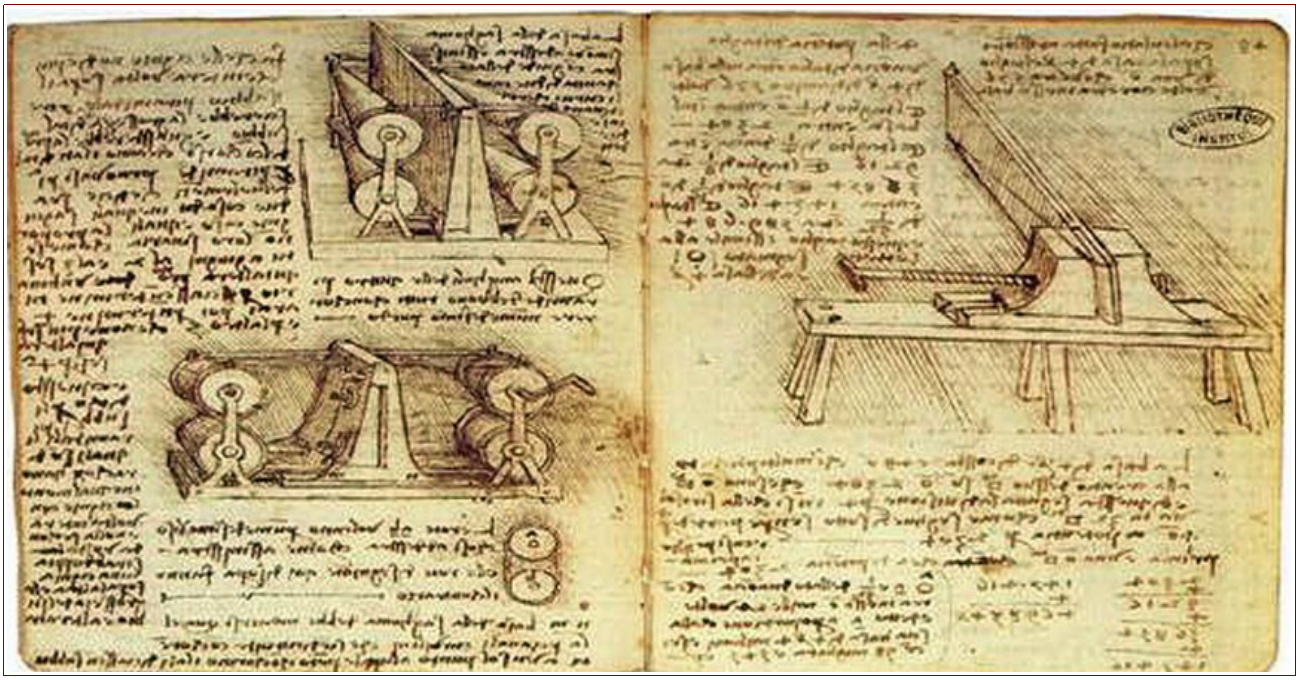
Studium Efektu Światła na Profil Człowieka
Study: Effect of Light on Man
Leonardo da Vinci



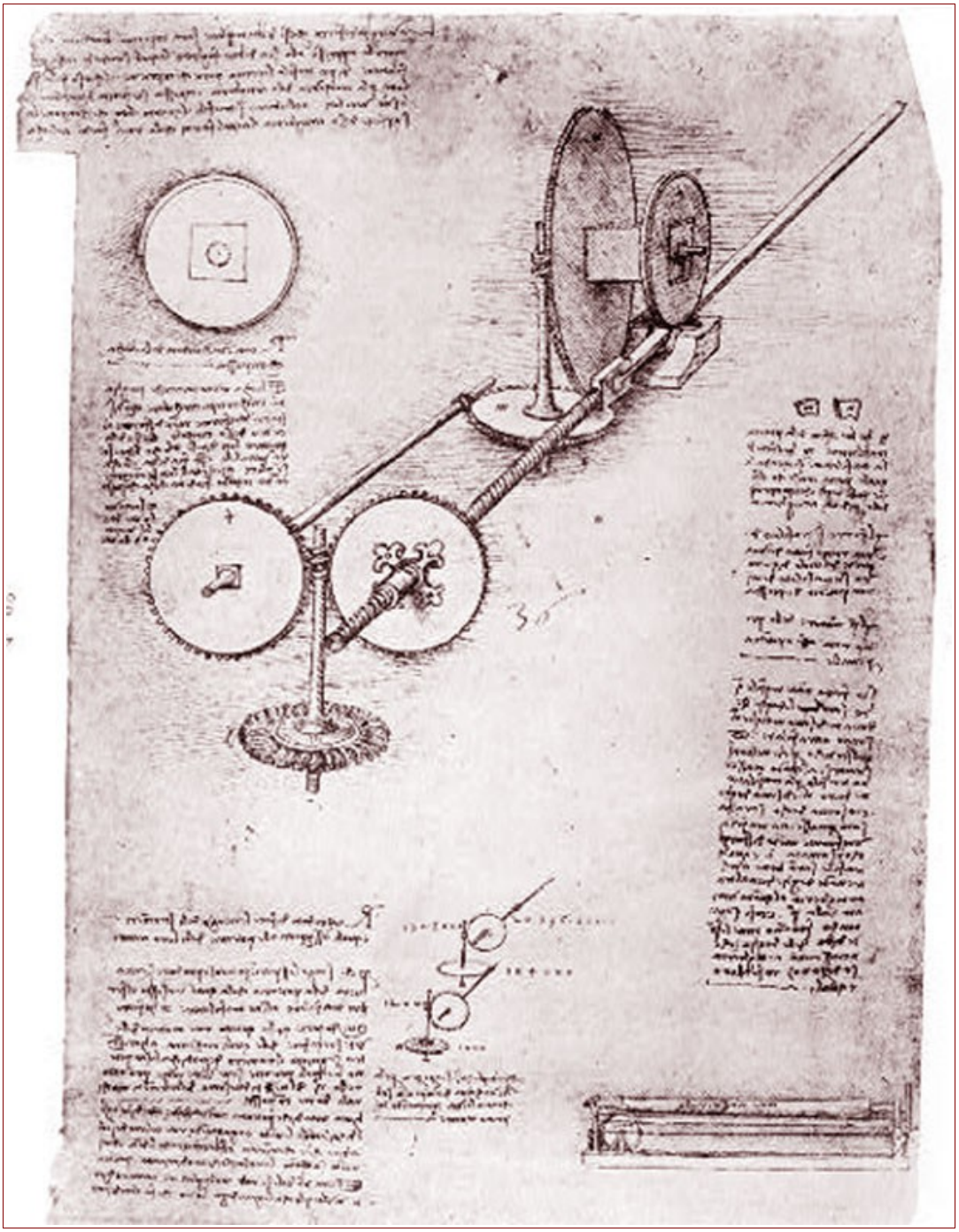
Inżynieria Mechaniczna
Mechanical Design
Leonardo da Vinci



La Biblioteca Nacional de España Collections
Codex Madrid
Leonardo da Vinci

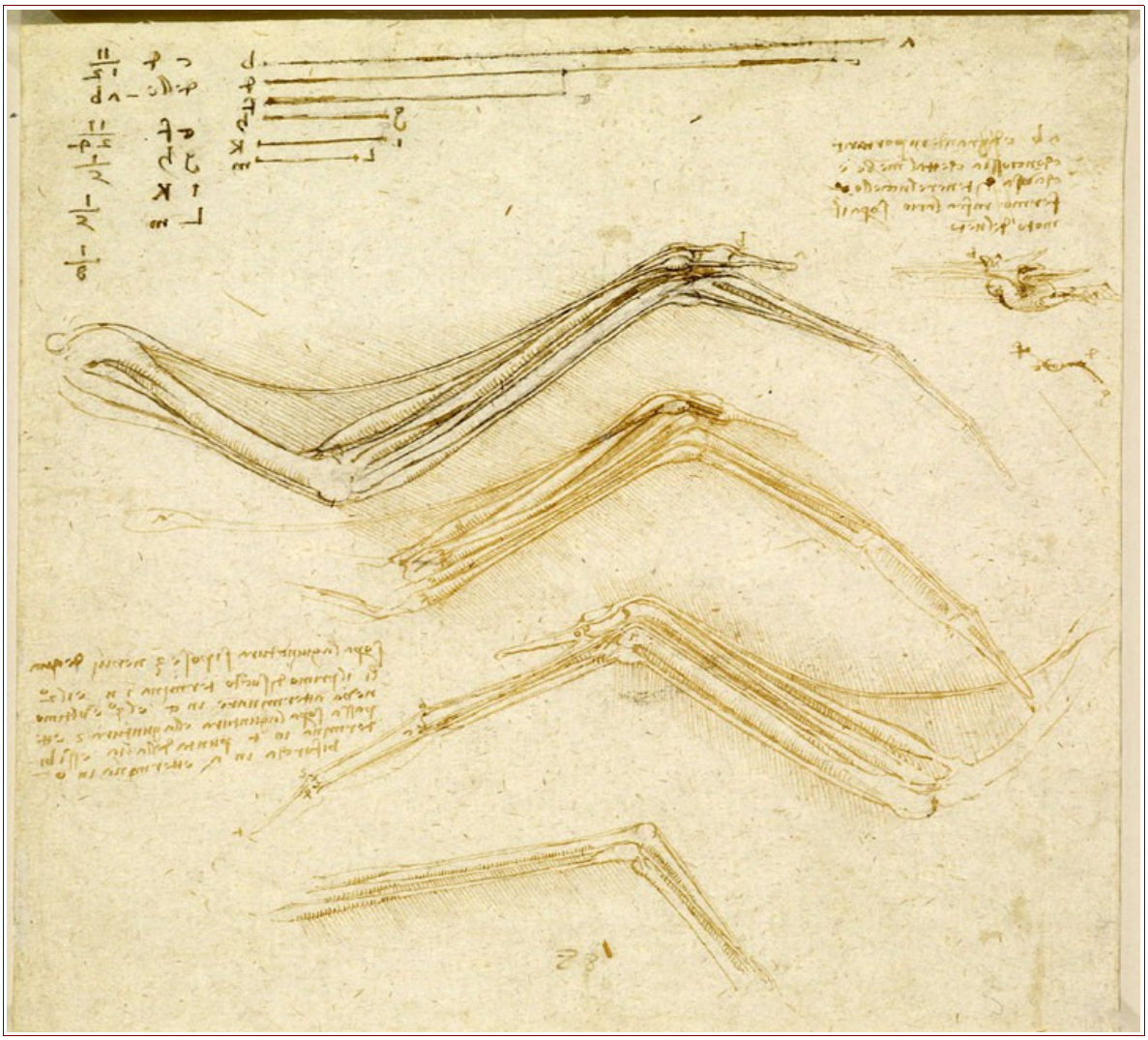


Szkice Techniczne
Technical Drawings
Leonardo da Vinci



Technical Design
Leonardo da Vinci

Stopa Niedźwiedzia
Bears Foot
Leonardo da Vinci

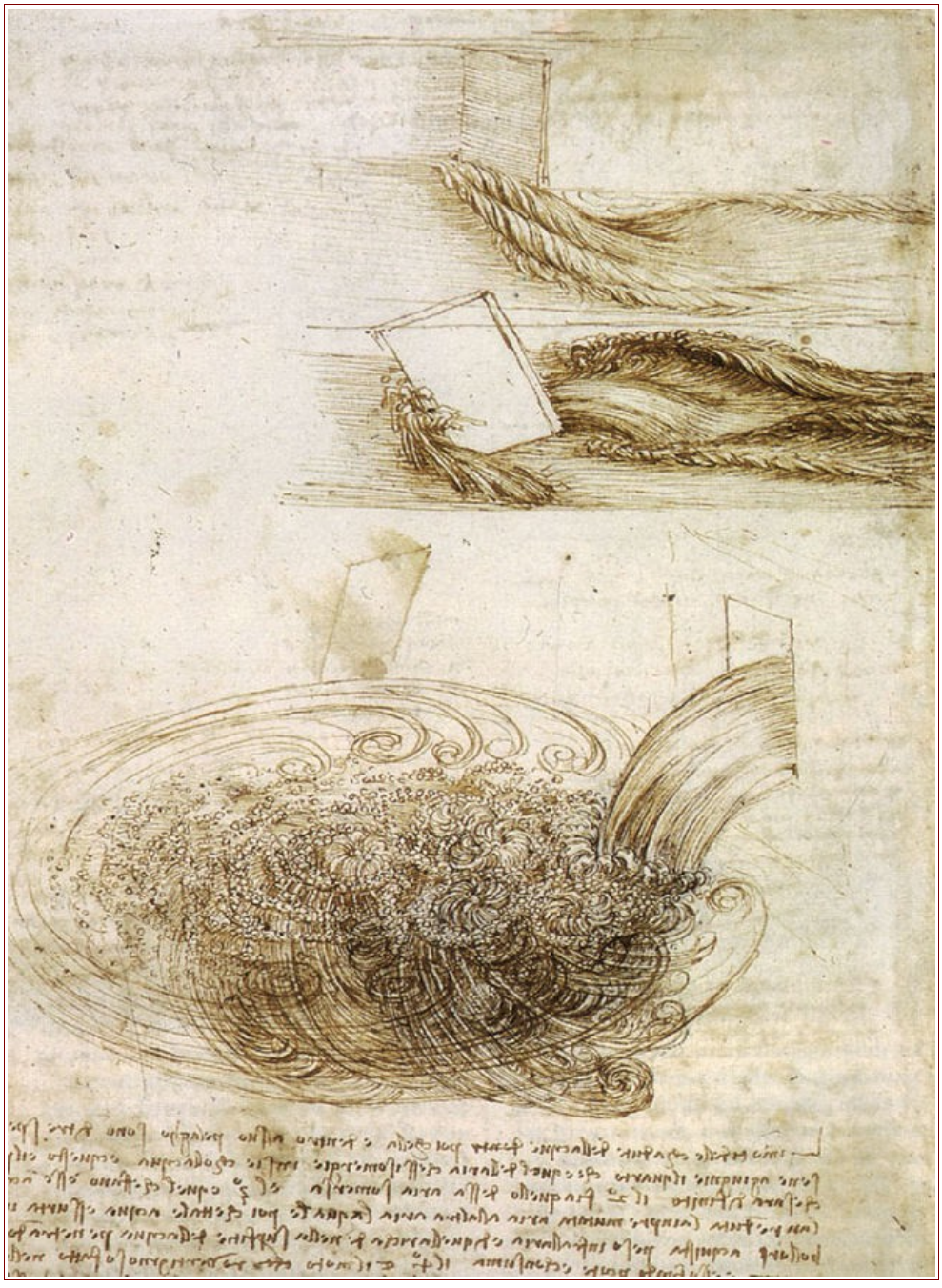


Skrzydła Ptaka
Bird Wings
Leonardo da Vinci

Leonardo da Vinci

Wilk i Orzeł
Wolf and the Eagle
Leonardo da Vinci

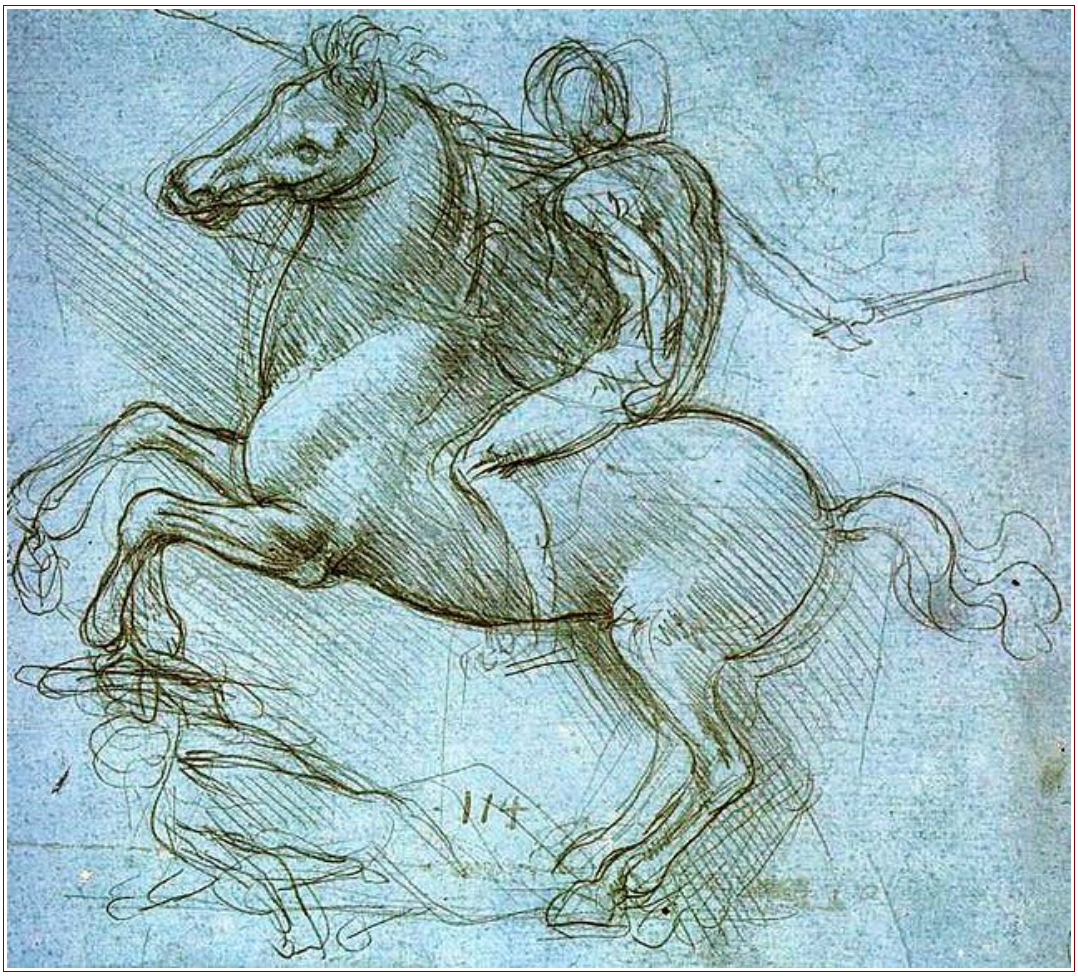
Powódź i Turbulencje Wody
Deluge and Turbulence of the Water
Leonardo da Vinci



Leonardo da Vinci

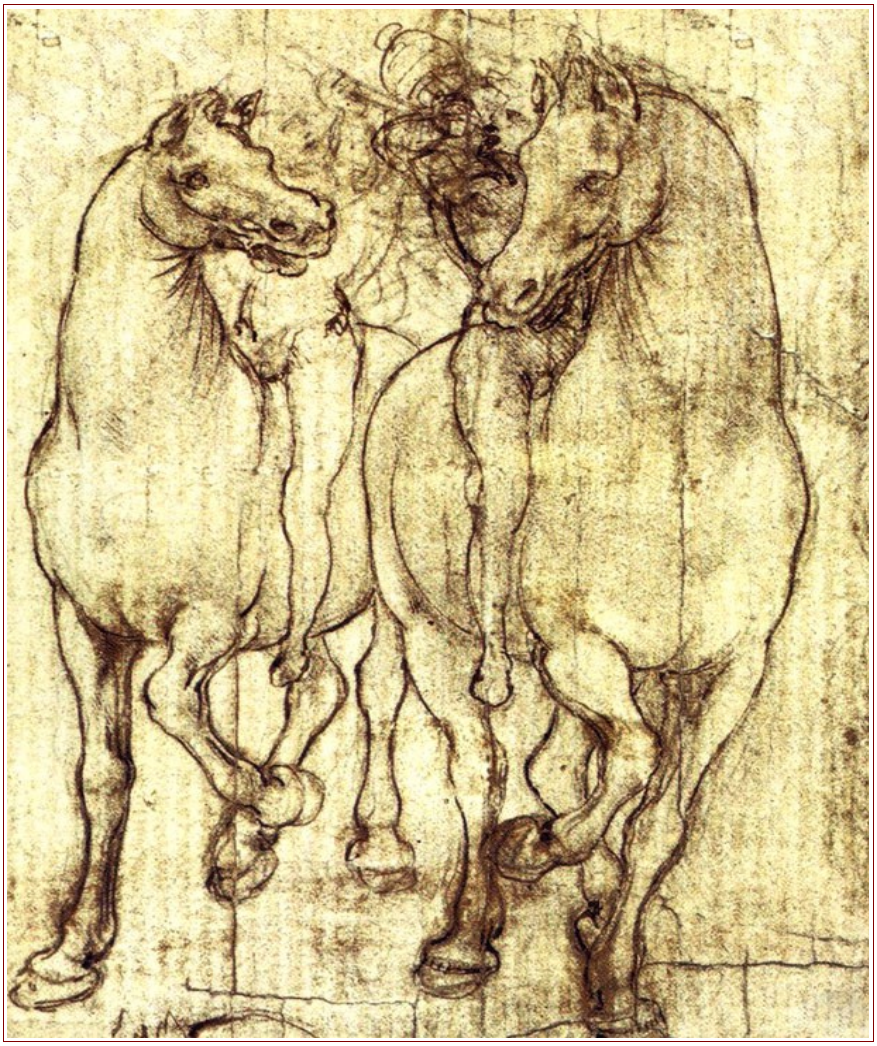
Battle at Anghiary
Leonardo da Vinci (?)

Studium Jezdzcow „Bitwa pod Anghiari”
Riders at „Battle of Anghiri”
Leonardo da Vinci



Leonardo da Vinci

Leonardo da Vinci



Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

Szkic Lwa
Drawing of the Lion
Leonardo da Vinci

Botanika
Botanical Drawings(Violets)
Leonardo da Vinci

Botanica
Botanical Drawings
Leonardo da Vinci

Botanika
Botanical Drawings and Observations
Leonardo da Vinci

Botanika
Botanical Drawings
Leonardo da Vinci

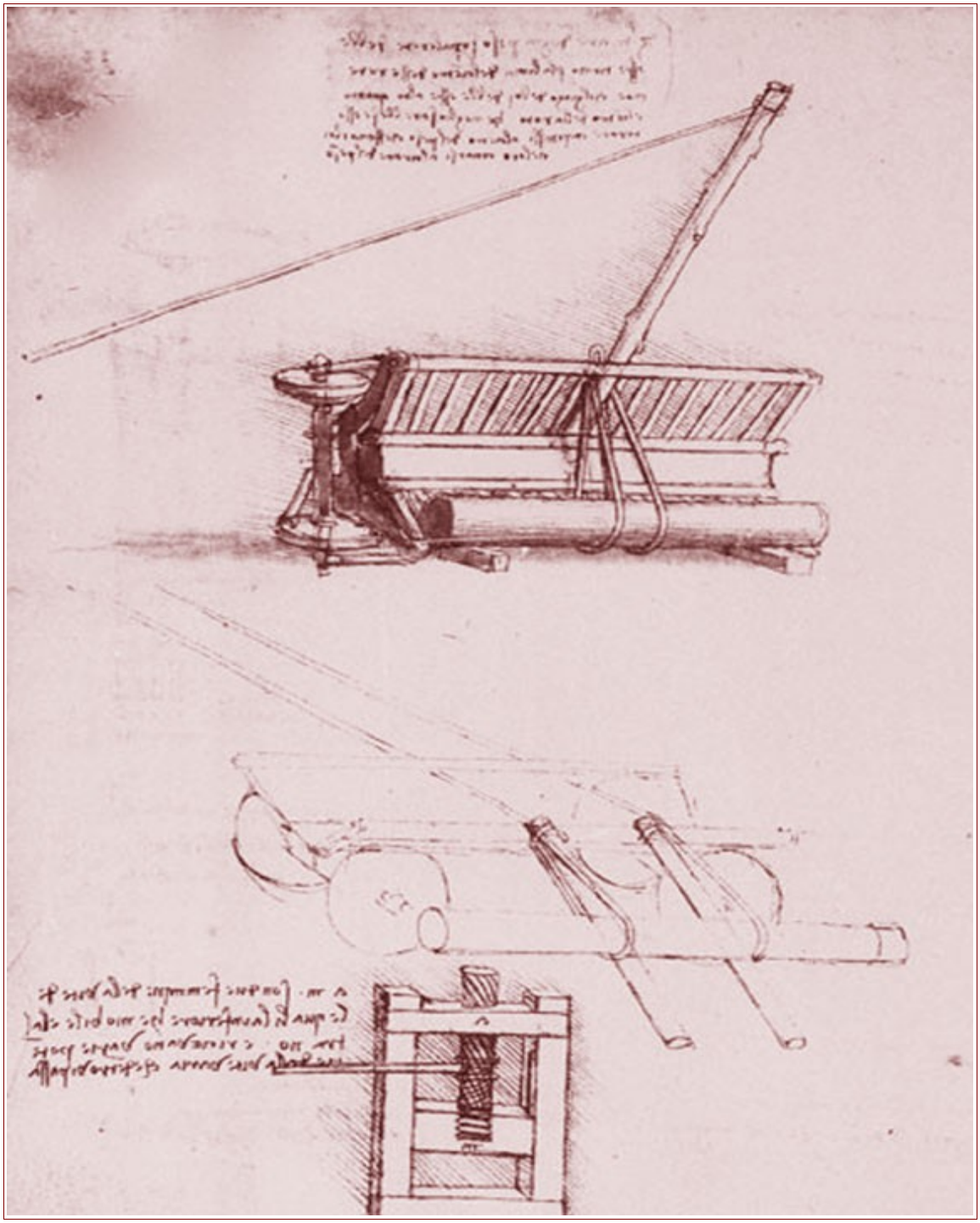
Botanika
Botanical Drawings
Leonardo da Vinci

Botanika
Botanical Drawings and Observations
Leonardo da Vinci

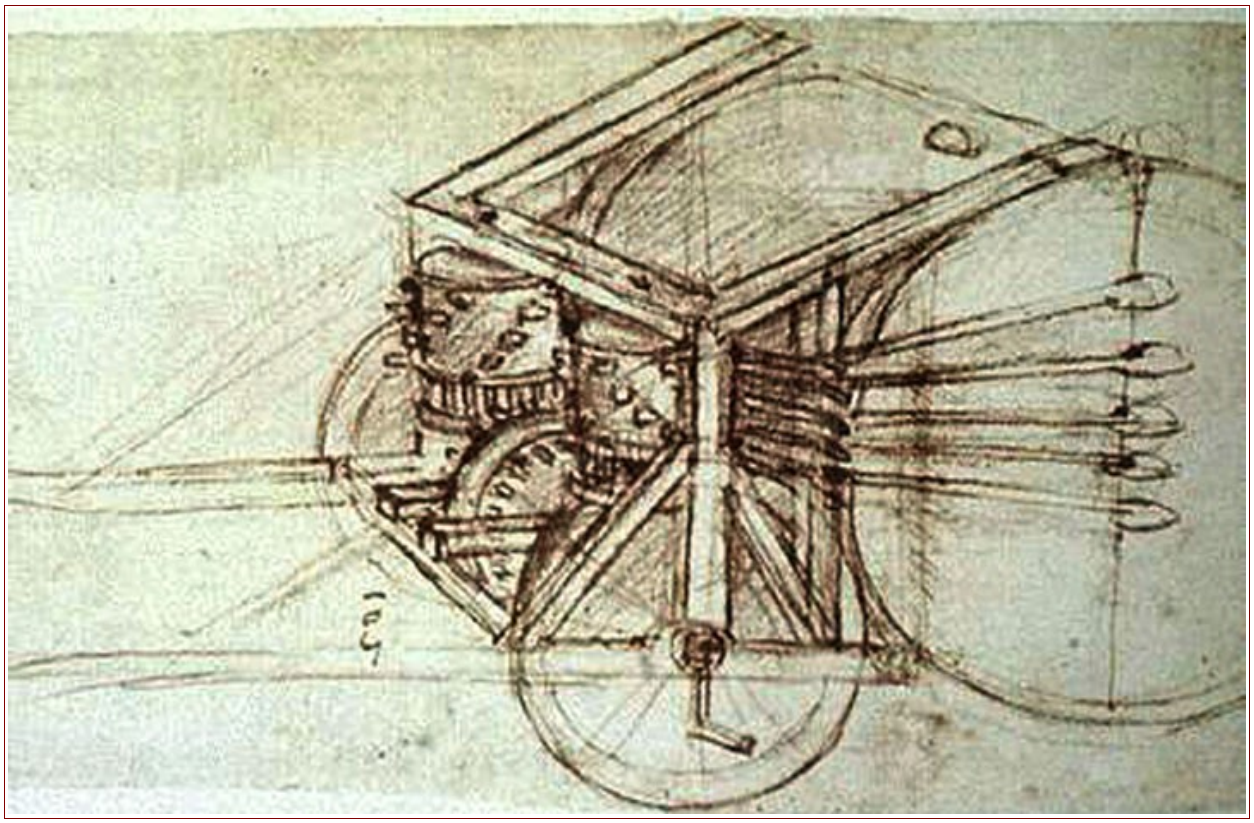
Lilia (Botanika)
Lily (Botanicals)
Leonardo da Vinci

Botanika
Botanical Drawing
Leonardo da Vinci

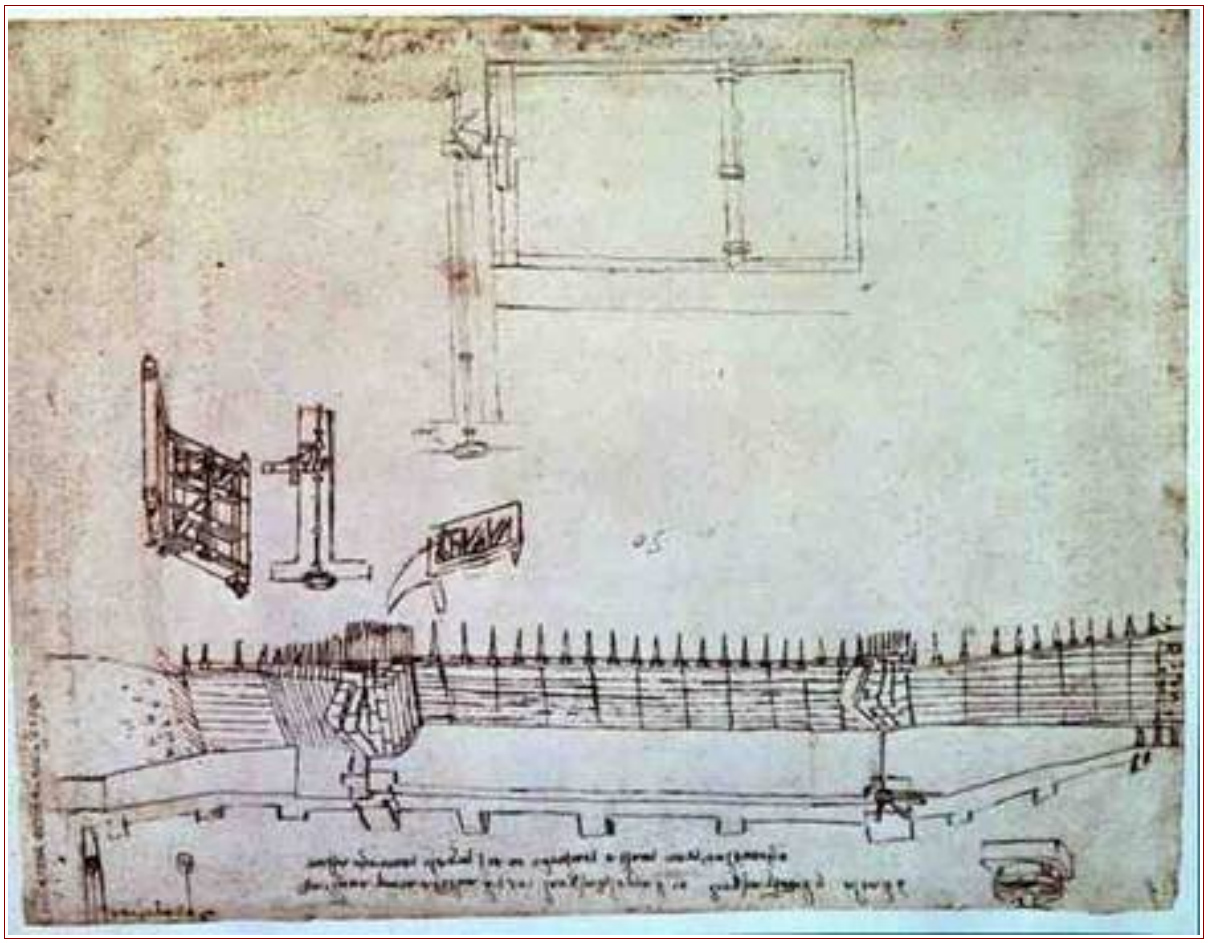
Botanika
Botanicals
Leonardo da Vinci



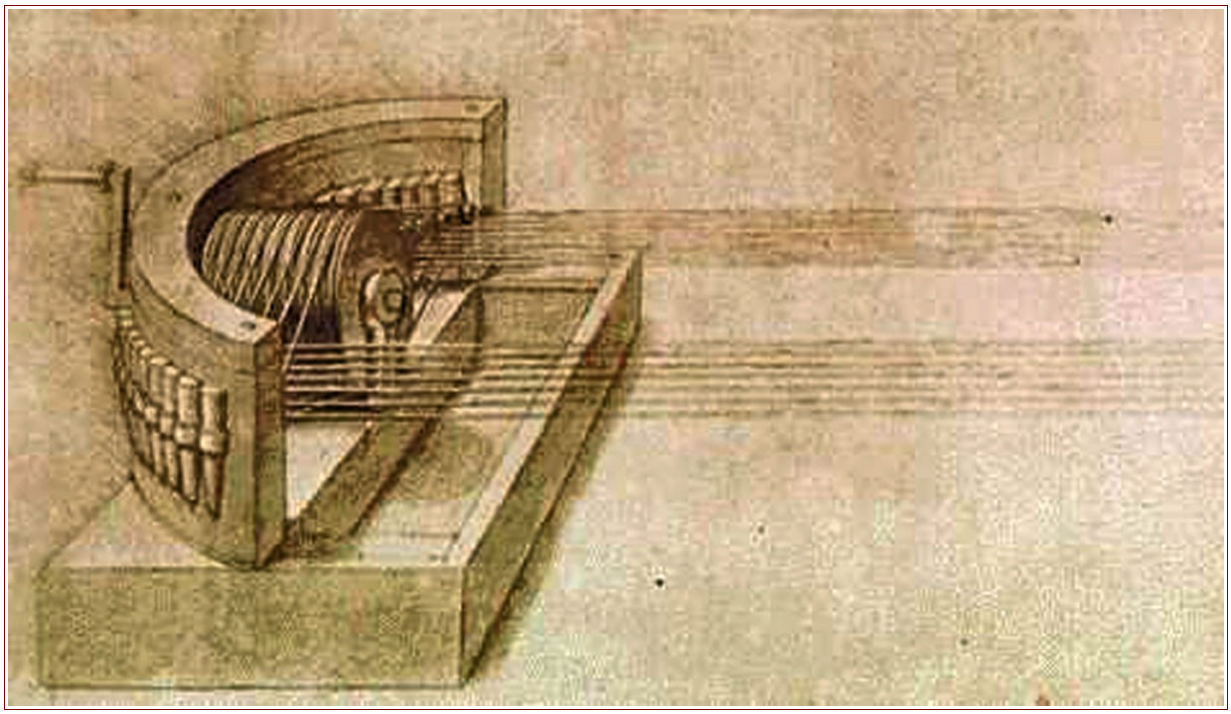
Codex Atlanticus
Leonardo da Vinci



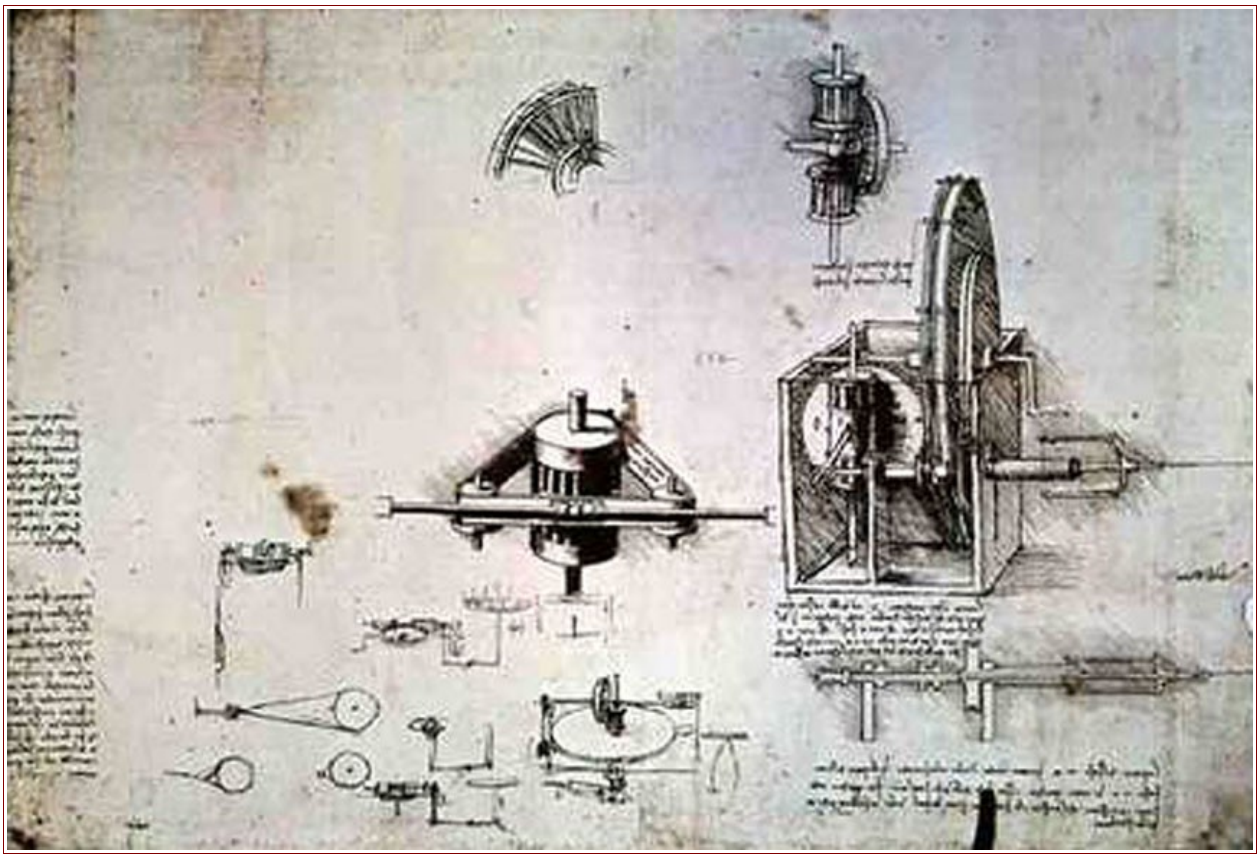
Codex Atlanticus
Leonardo da Vinci



Codex Atlanticus
Leonardo da Vinci



Codex Atlanticus
Leonardo da Vinci



Codex Atlanticus
Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

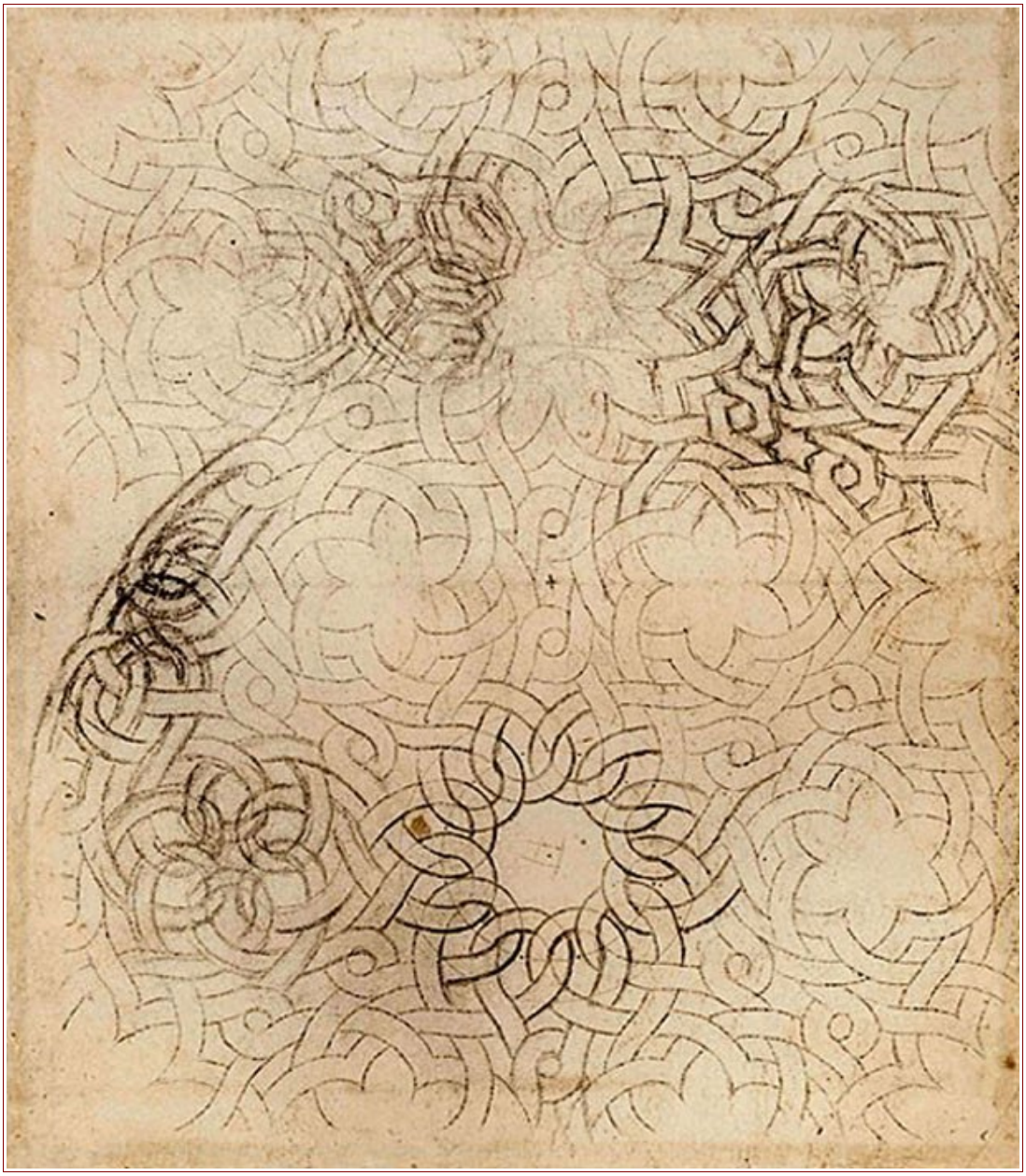
Leonardo da Vinci

Leonardo da Vinci

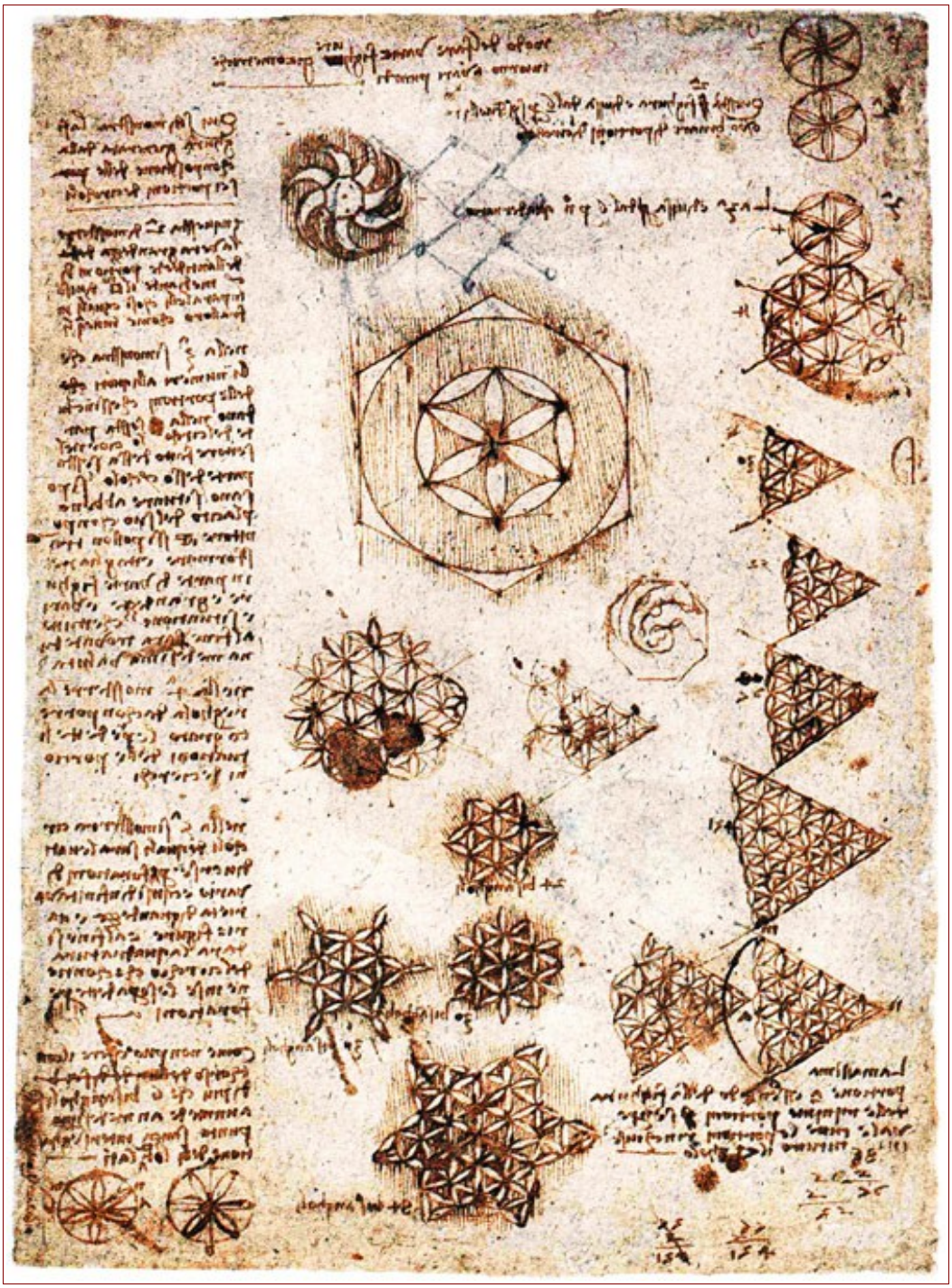
Leonardo da Vinci

Leonardo da Vinci

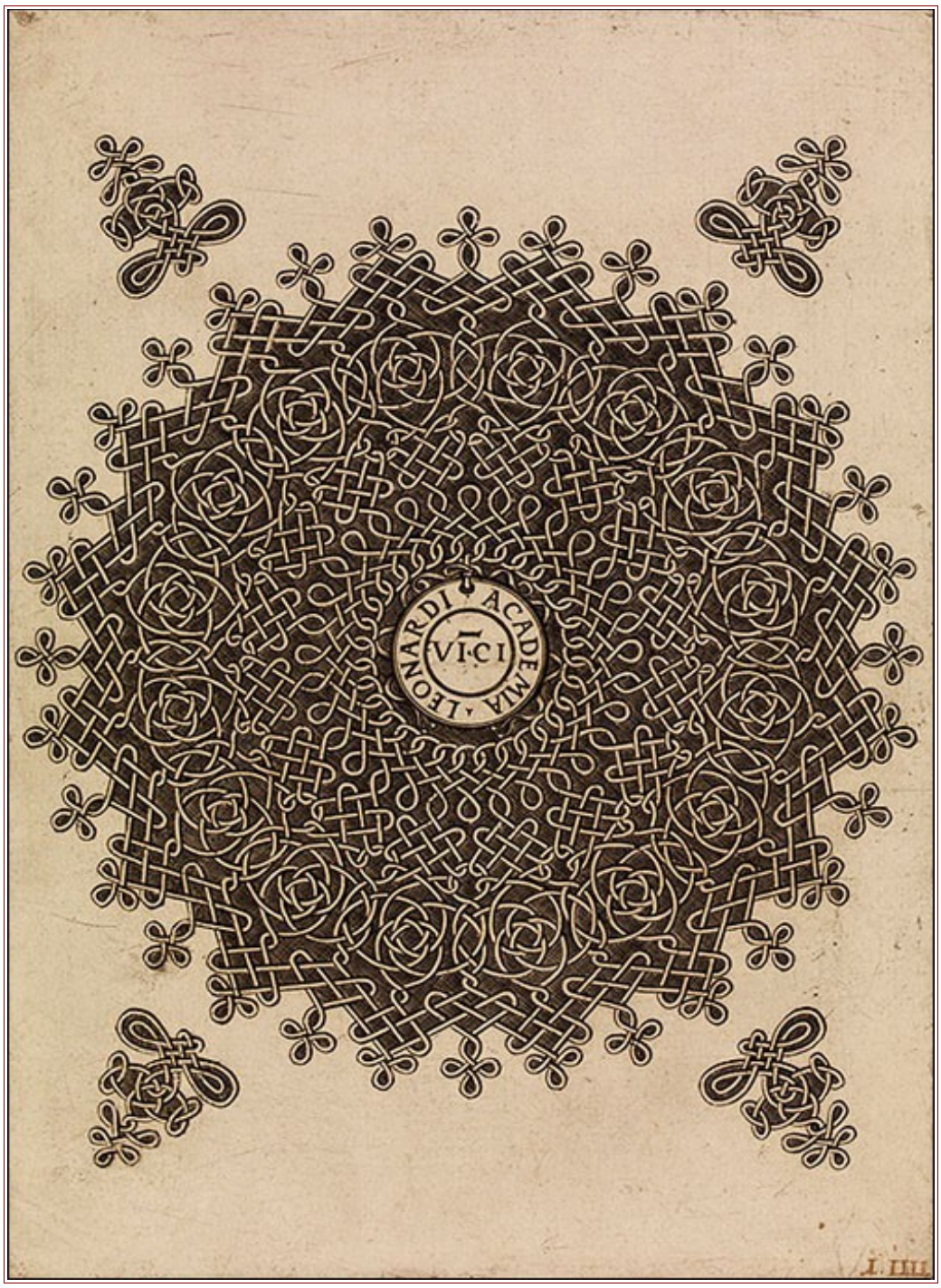
Leonardo da Vinci



Leonardo da Vinci



Leonardo da Vinci



NIeskonczonosc
Leonardo da Vinci

Detal z Dzieła Zwiastowanie
Detail from the Masterpiece Announciation
Leonardo da Vinci

Szkic Sw. Anna
St. Anna

Leonardo da Vinci

Szkic Młodej Damy
Drawing of a Young Lady
Leonardo da Vinci

Szkic La Scapigliata
Drawing La Scapigliata
Leonardo da Vinci

Isabelle D'Este
Leonardo da Vinci

Szkic Damy
Drawing of the Lady
Leonardo da Vinci

Szkic Damy
Drawing of the Lady
Leonardo da Vinci

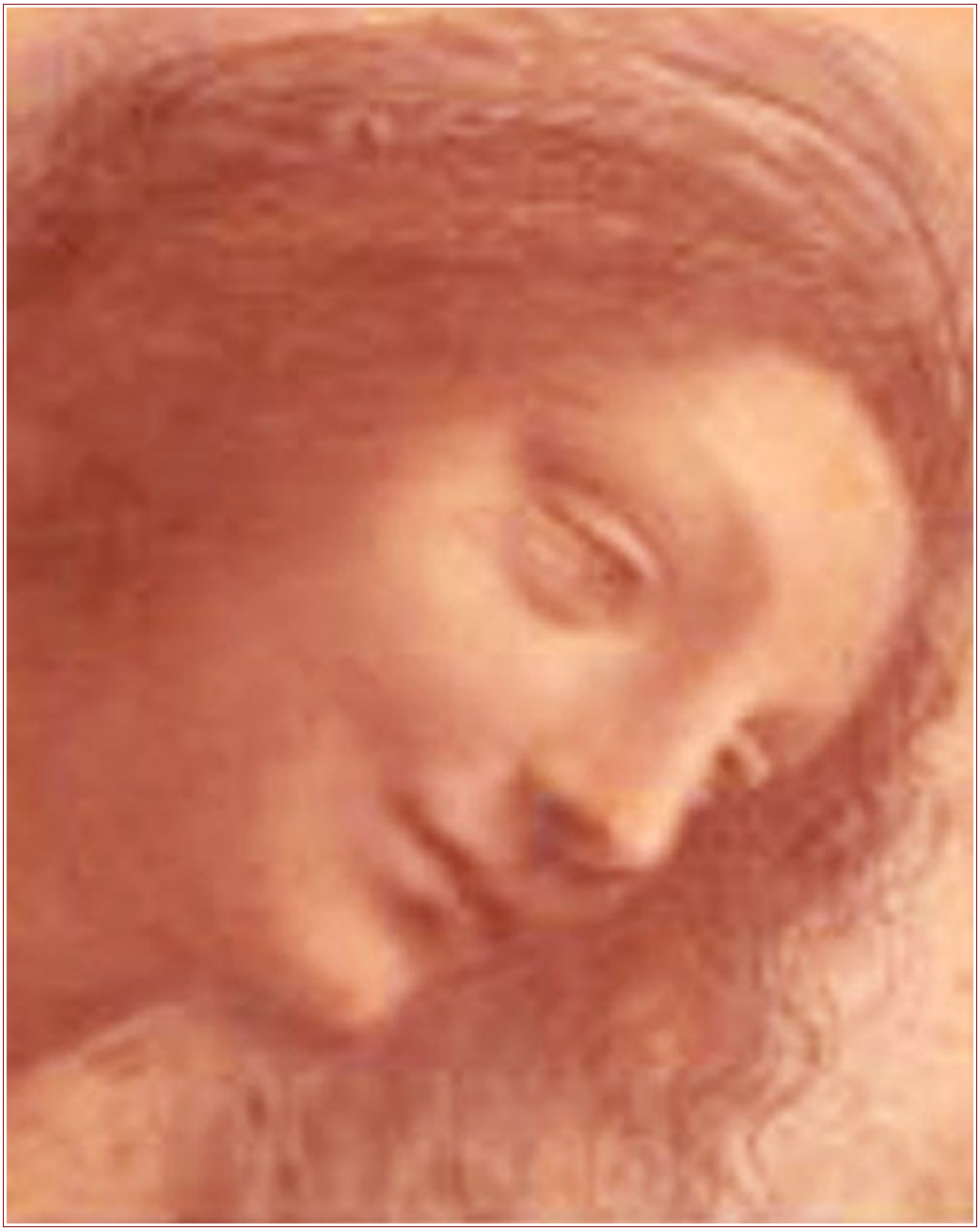
Szkic Damy
Drawing of the Lady
Leonardo da Vinci

Szkic Damy
Drawing of the Lady
Leonardo da Vinci

Szkic Kobiety
Head of the Woman 1510-1511
Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci



Sw. Anna
St. Ann
Leonardo da Vinci

Studium do Ostatniej Wieczerzy, Sw. Jakub
Study for the Last Supper, St. James
Leonardo da Vinci

Szkic Damy (Galleriani)
Drawing of the Lady (Galleriani)
Leonardo da Vinci

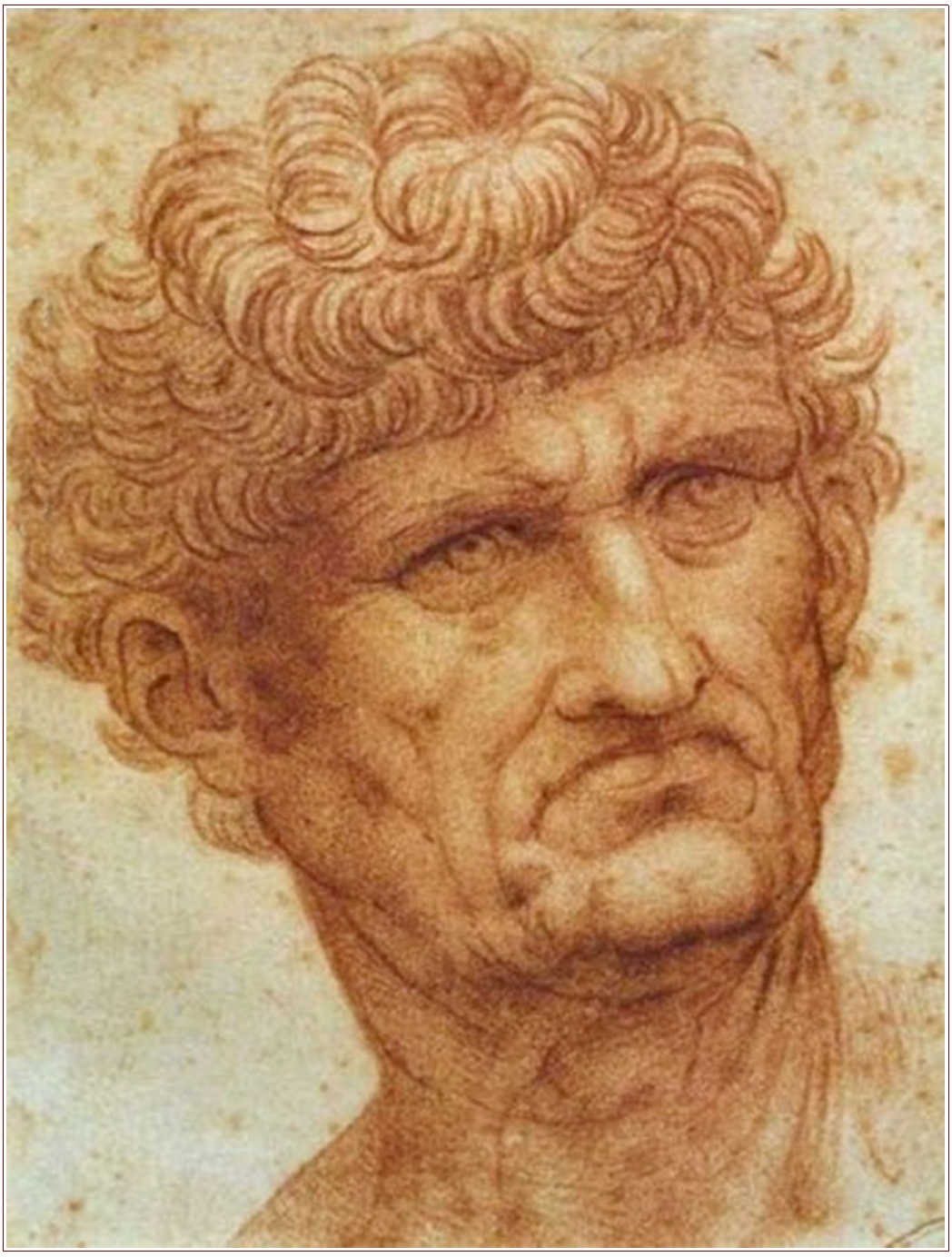
Studium Chrystusa
Study of the Christ
Leonardo da Vinci

Leonardo da Vinci

Leda
Leonardo da Vinci

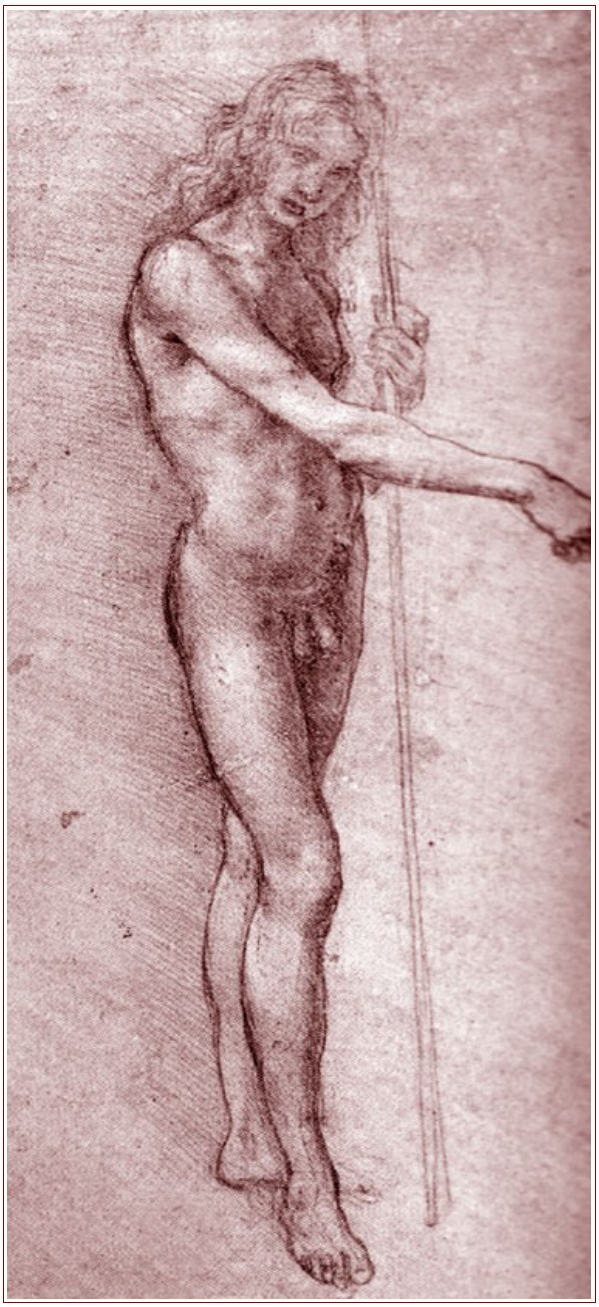
Leda i Łabędź
Leda and the Swan
Leonardo da Vinci

Szkic Wojownika
Warrior
Leonardo da Vinci



Szkic Mężczyzny
Study of Man
Leonardo da Vinci

Studium Mężczyzny w Wieńcu
Study of Man in Wreath
Leonardo da Vinci



Szkic Mężczyzny
Study of Man with a Staff

W Niewoli
Prisoner
Leonardo da Vinci

Studium Mężczyzny
Study of Man
Leonardo da Vinci

Studium Wojownika na Koniu
Equestrian Study
Leonardo da Vinci

Leonardo da Vinci

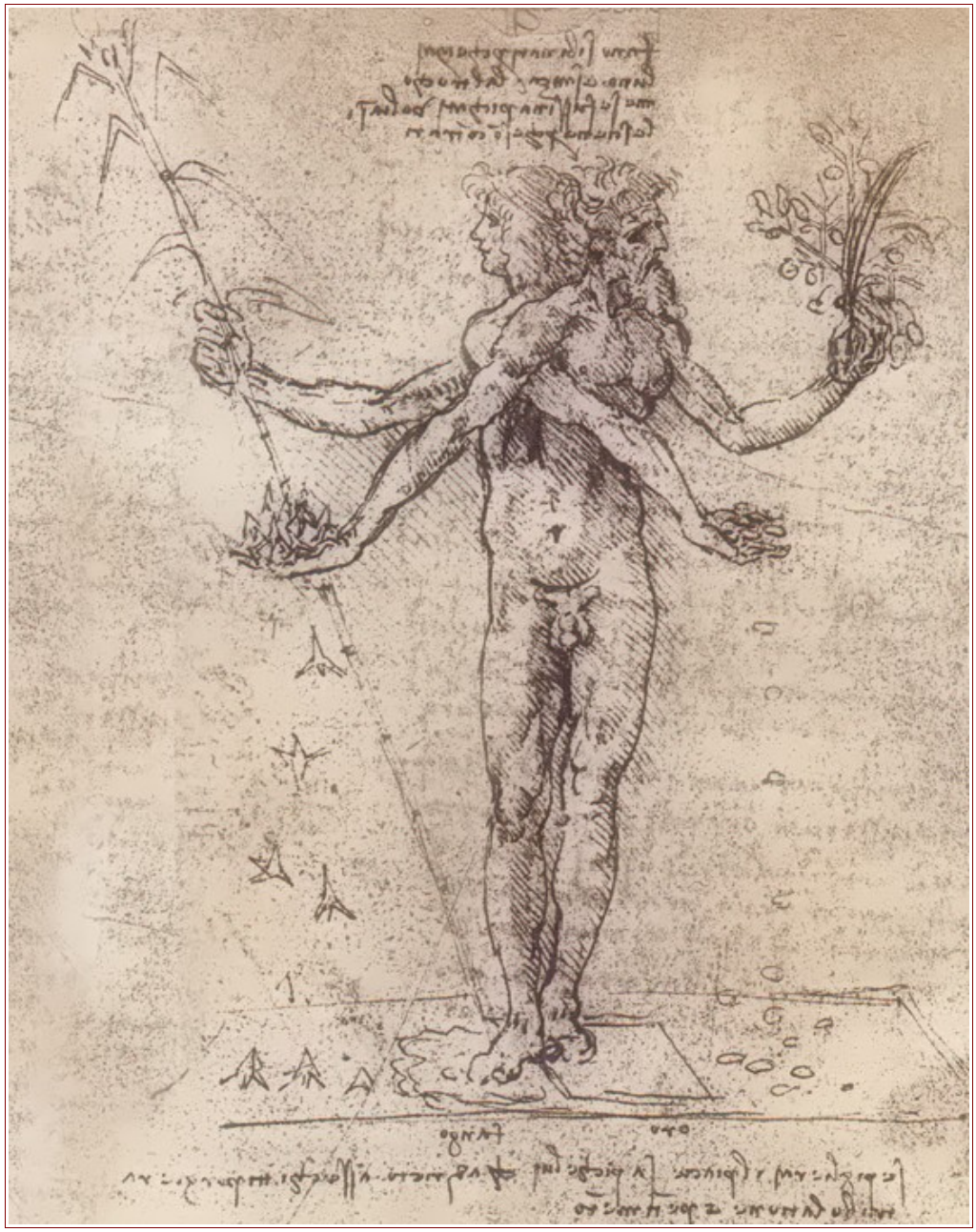
Wynalazek Pozwalający na Chodzenie na Wodzie
Study: Walking on Water
Leonardo da Vinci

Studium
Leonardo da Vinci

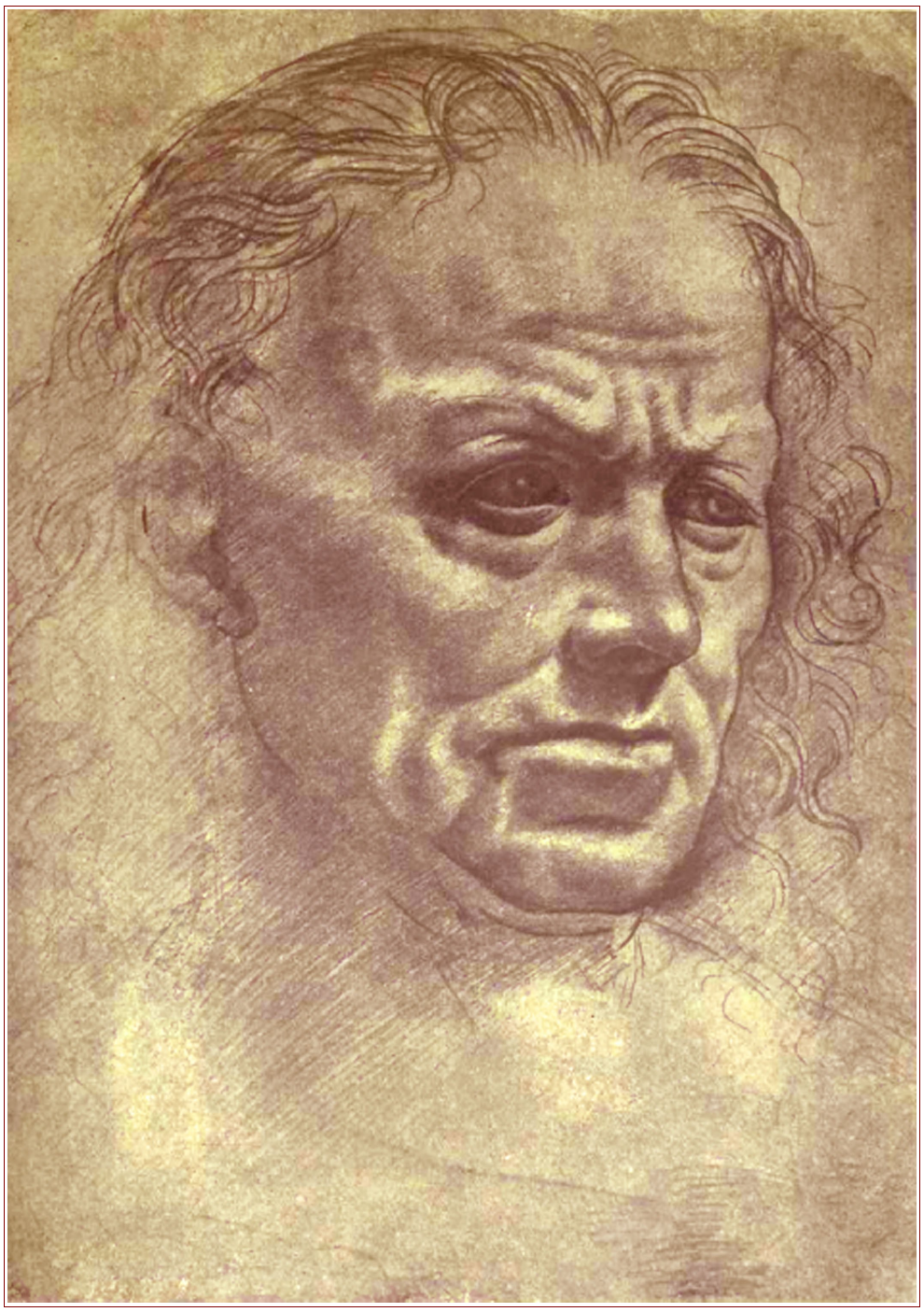
Studium Adoracja Trzech Króli
Adoration of the Magi
Leonardo da Vinci

Maria Dziewica z Juzuskiem, Sw. Anna i Jan Chrzciciel
Virgin and Child with St. Anne and John the Baptist
Leonardo da Vinci

Potyczka (lub Kain i Abel)
Combat (or Cain and Abel)
Leonardo da Vinci



Studium Człowieka z Dwoma Głowami
Study of Man with Two Heads
Leonardo da Vinci



Studium Mężczyzny
Study of Man
Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

Studium Mezczyzny Trabiacego (trabka) do Ucha Innego Czlowieka
Study of a Man Blowinga Trumpet in the Another Man's Ear 1480/82
Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

Pojedynek Lwa i Smoka
Fight Between Lion and the Dragon
Leonardo da Vinci

Szkic Szlachcica
Study of the Warrior
Leonardo da Vinci

Studium Mężczyzny
Study of the Man
Leonardo da Vinci

St. Girolamo
Leonardo da Vinci

Leonardo da Vinci

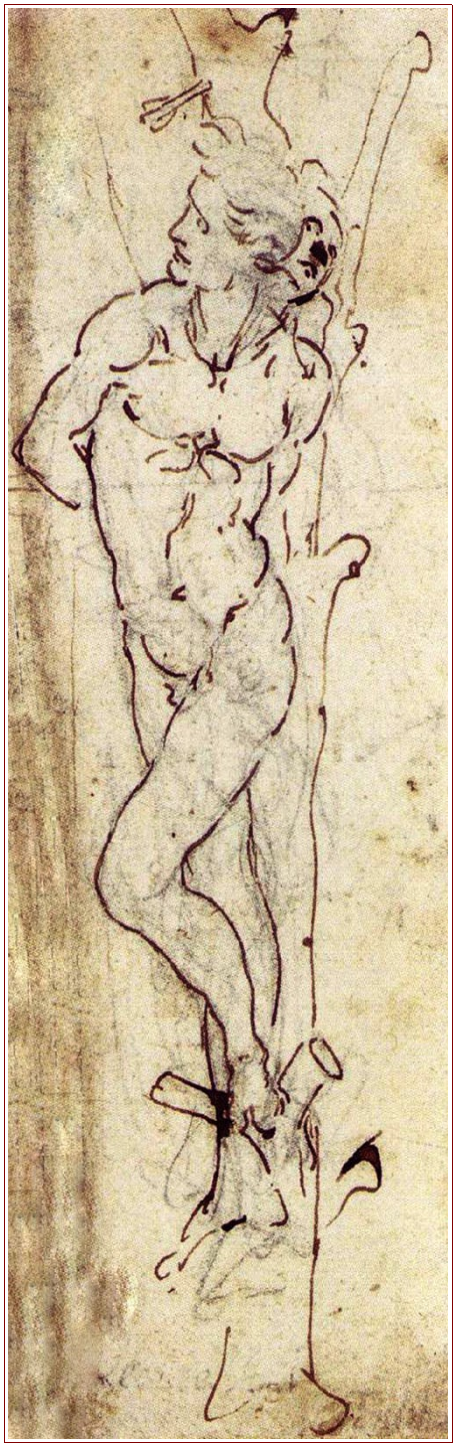
Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

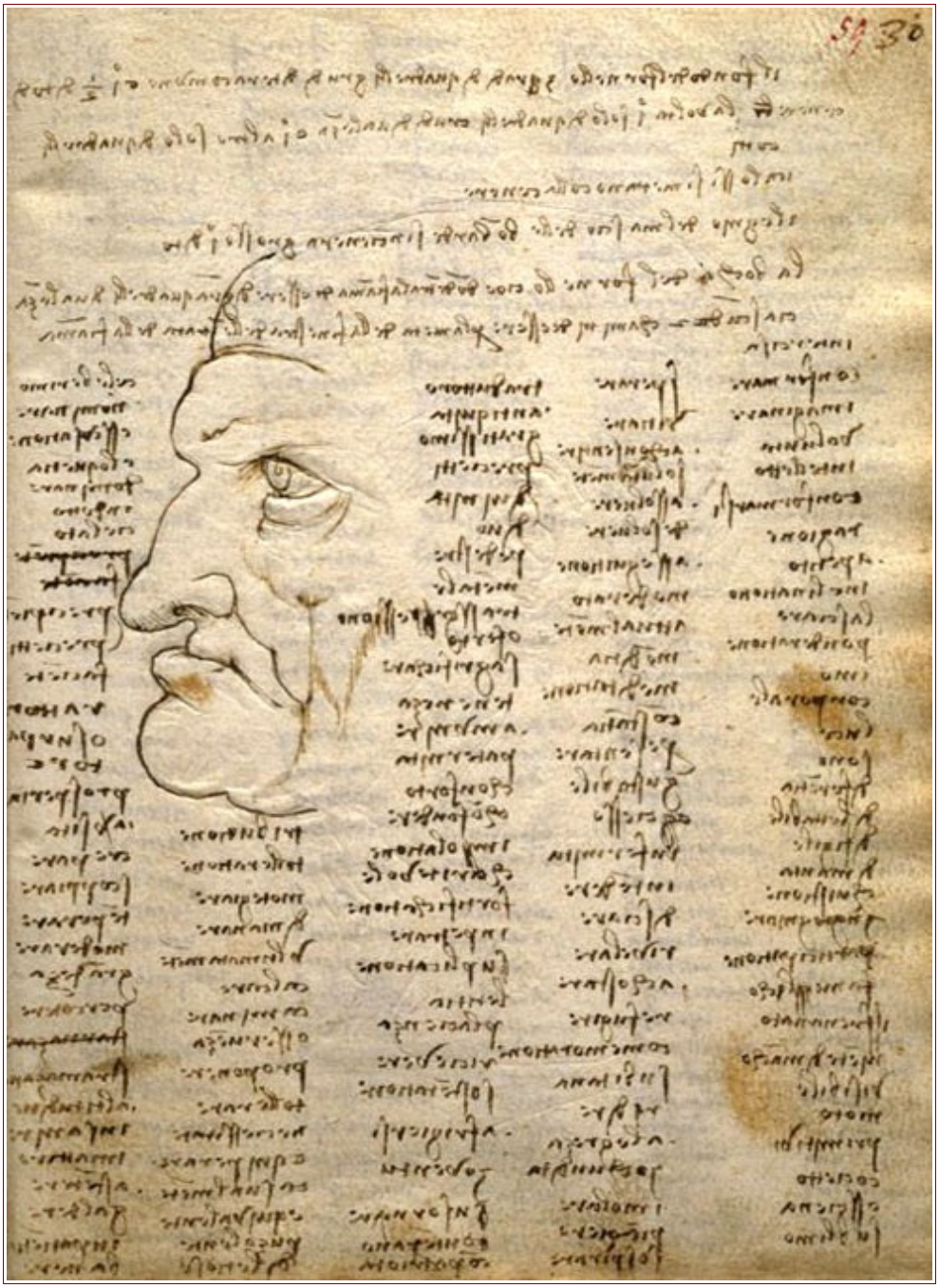
Zabawa z Olowkiem
Plating with Pencil
Leonardo da Vinci



Leonardo da Vinci

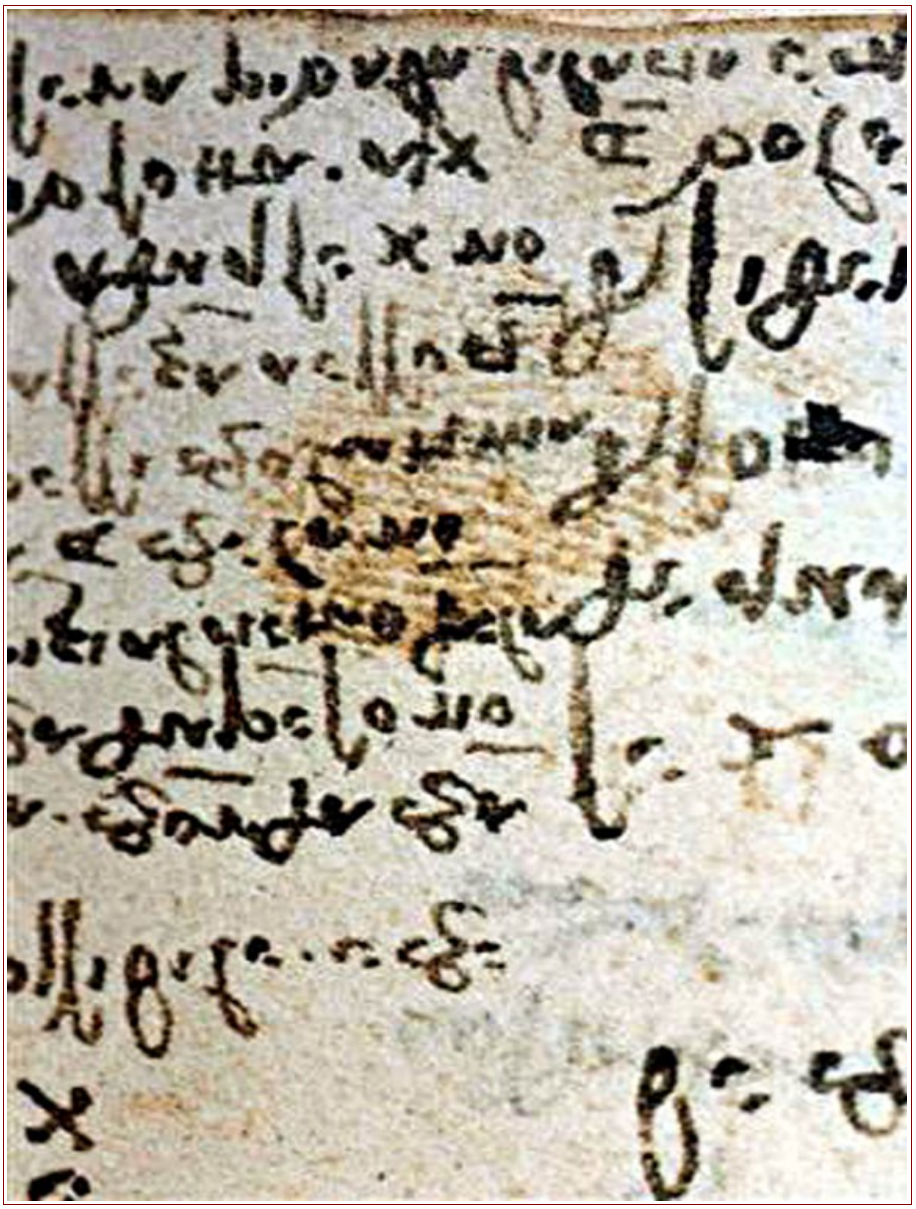
Leonardo da Vinci

Leonardo da Vinci



Leonardo da Vinci

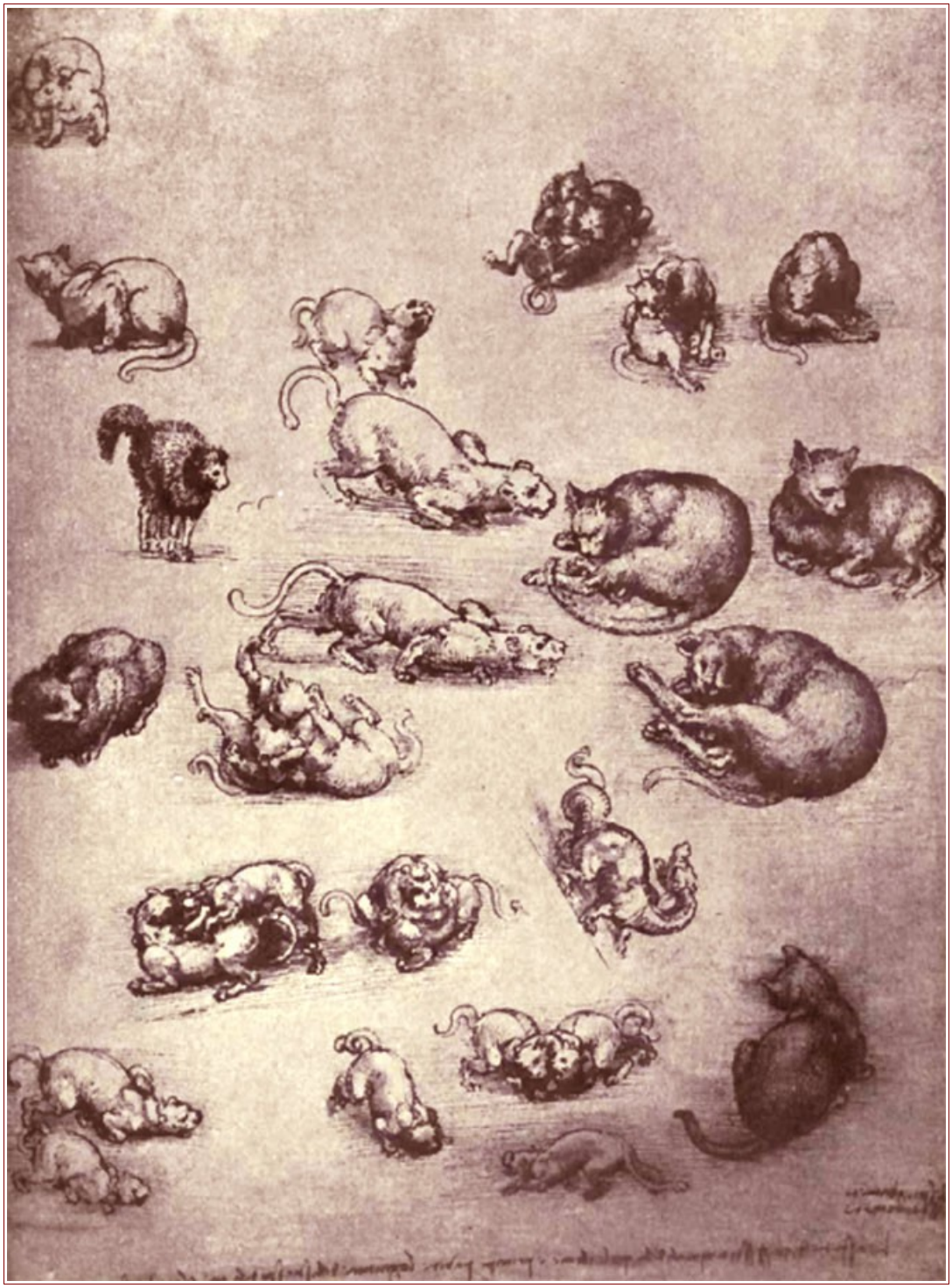
Leonardo da Vinci



Odcisk Palca Mistrza
Finger Print
Leonardo da Vinci

Leonardo da Vinci

Swieta Rodzina
The Holly Family
Leonardo da Vinci



Leonardo da Vinci

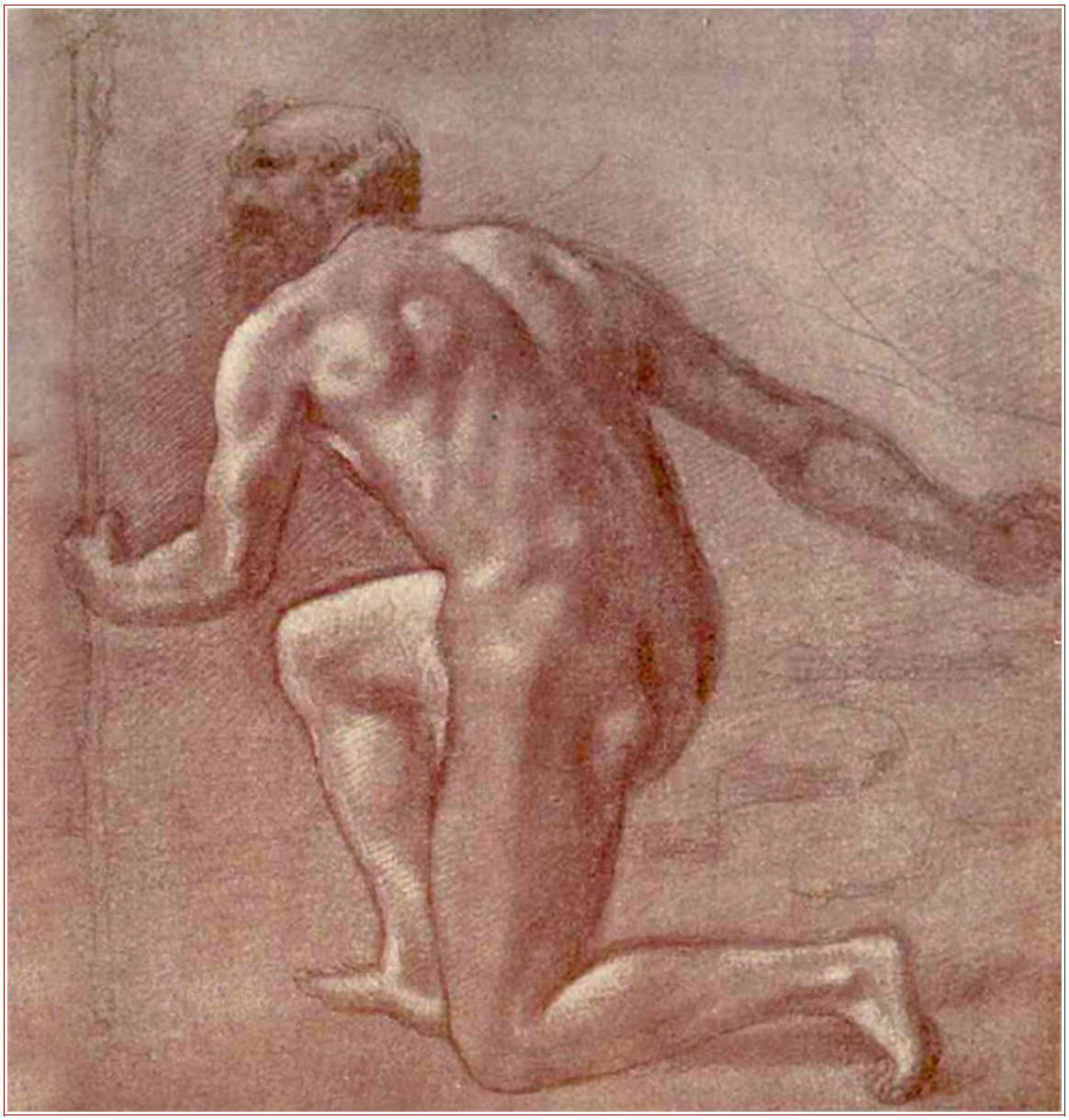
Leonardo da Vinci (?)

Leonardo da Vinci

Last Supper Studium
Last Supper
Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci

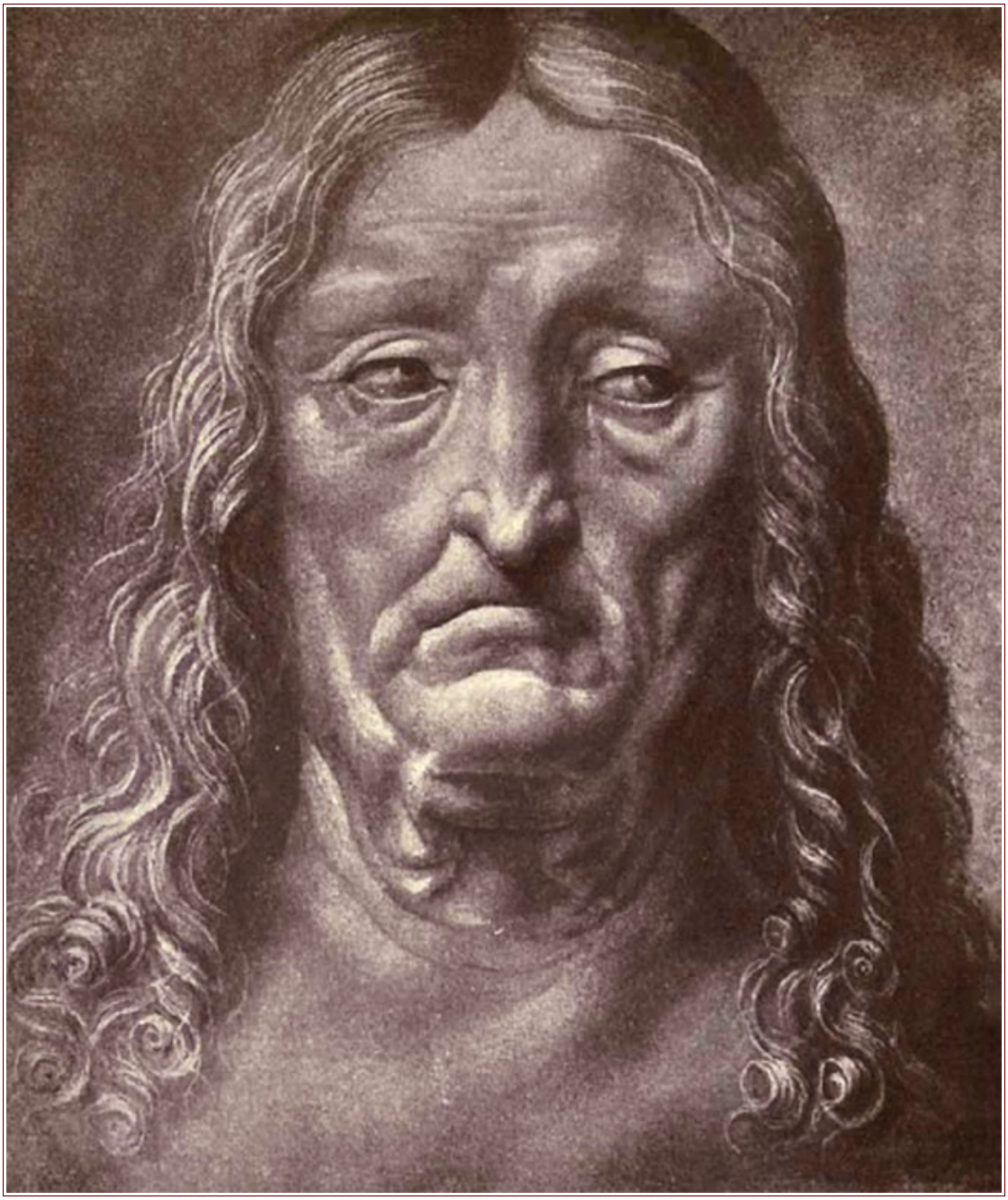


Leonardo da Vinci

Leonardo da Vinci

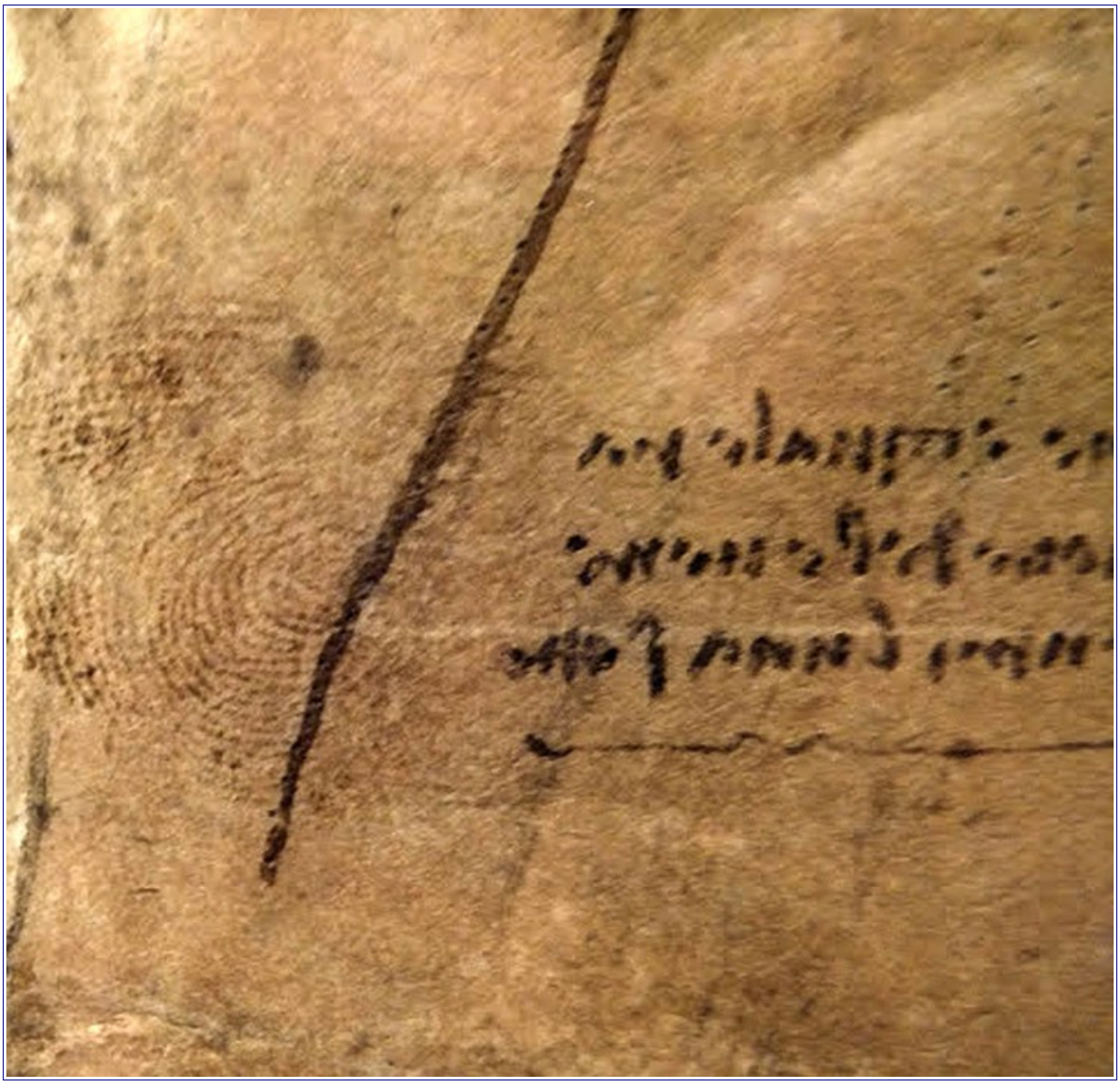
Lepmardo da Vinci

Leonardo da Vinci

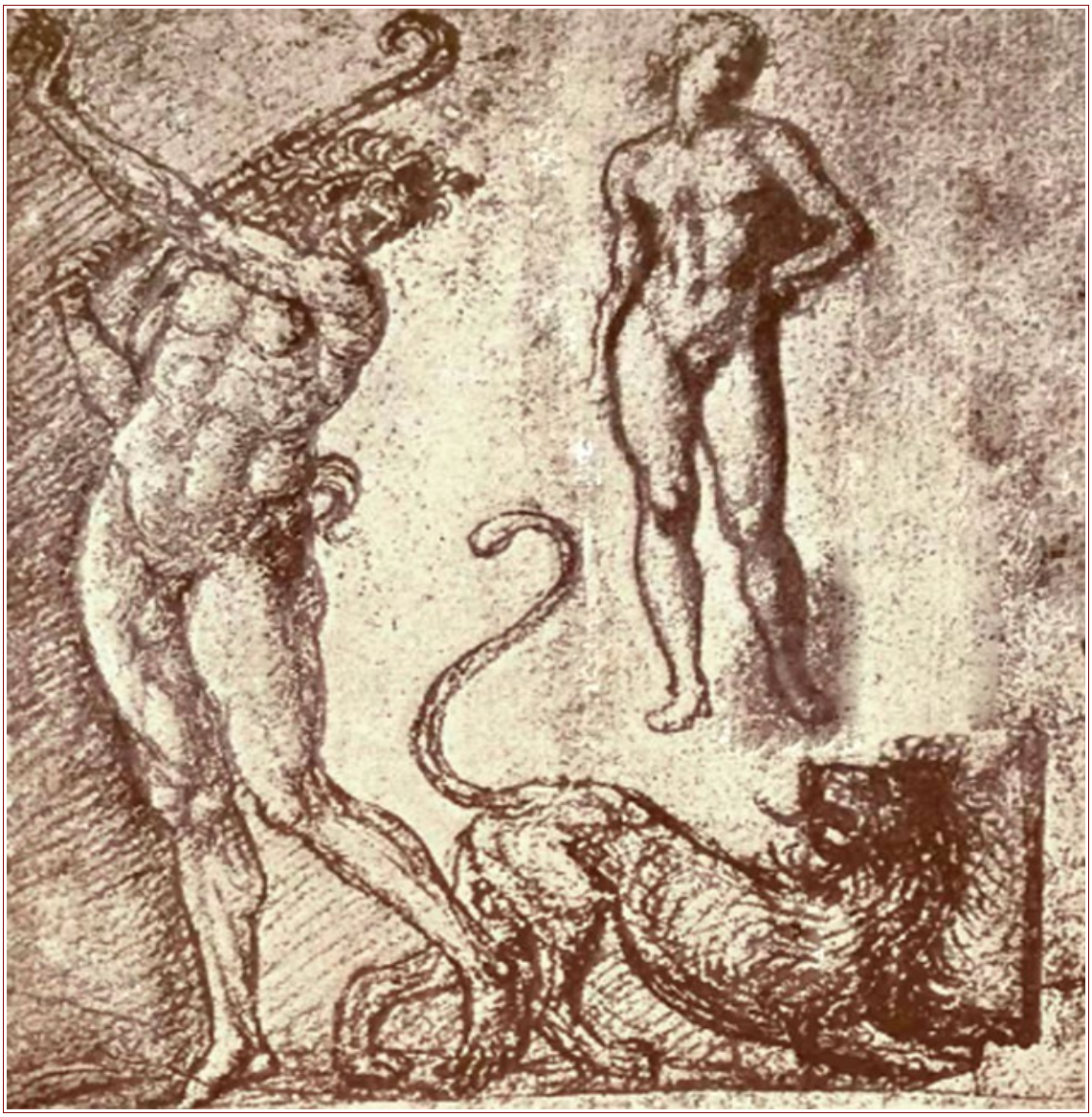


Leoardo da Vinci

Leonardo da Vinci



Kcuik Leonarda (?)
Leonardo's Thumb
Leonardo da Vinci



Leonardo da Vinci

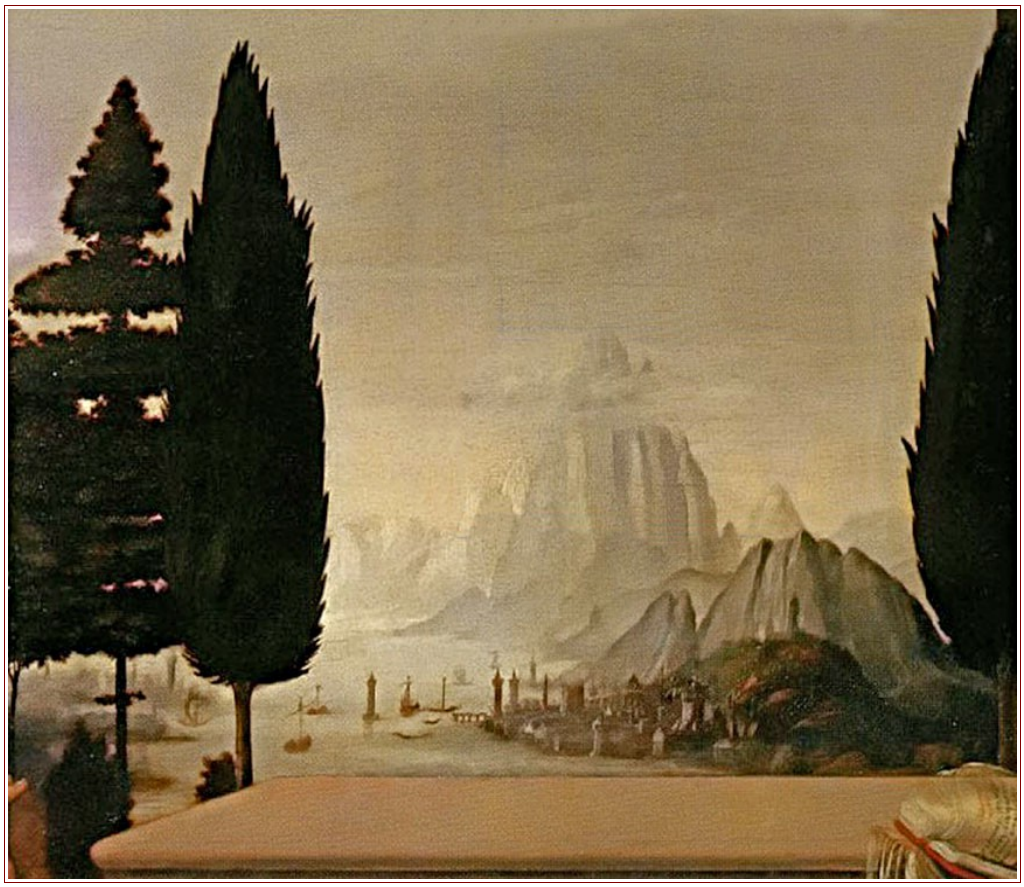
Leonardo da Vinci

Leonardo da Vinci

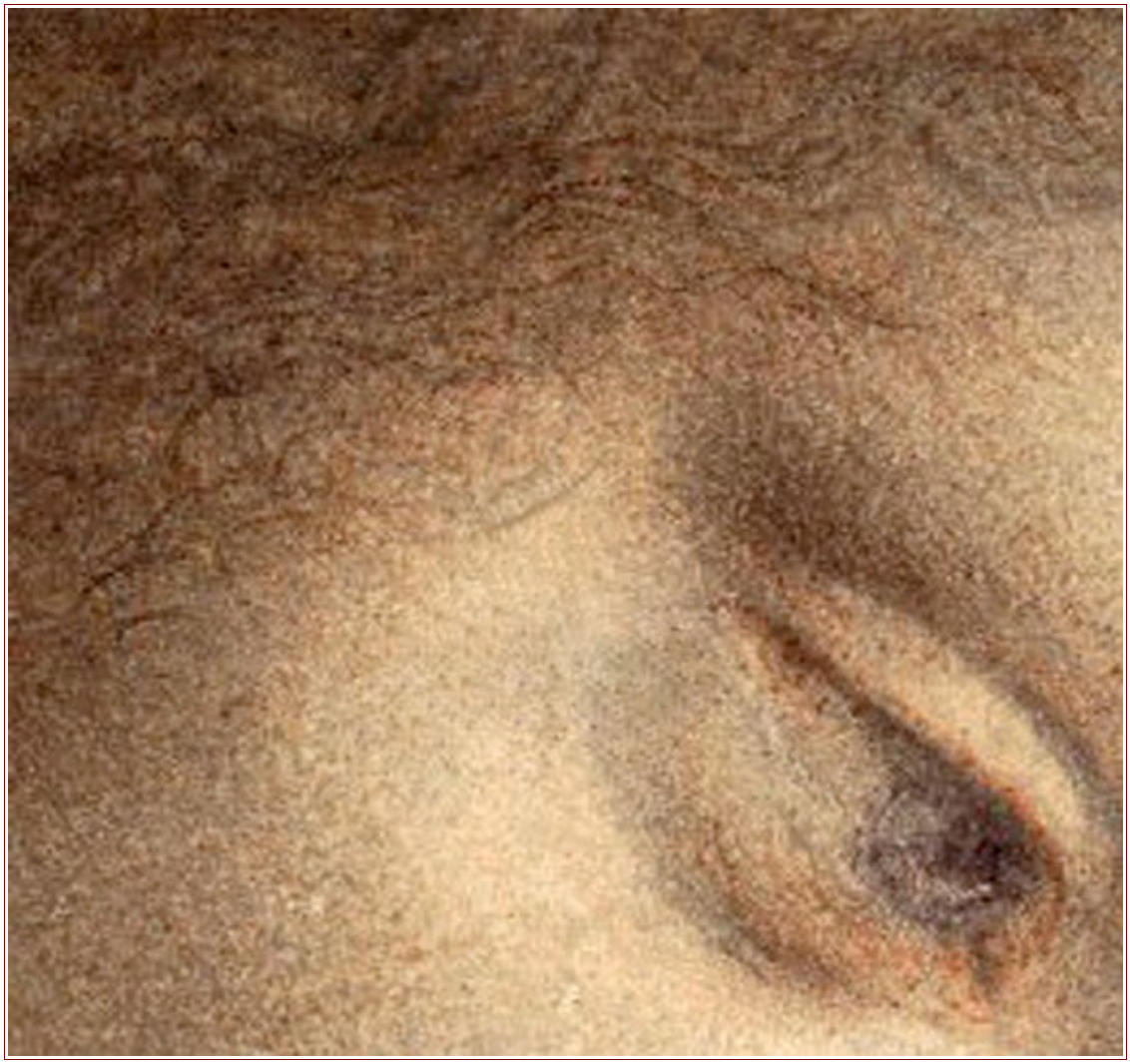
Zabawa z Olowkiem
Playing with pencil
Leonardo da Vinci

Salai
Leonardo da Vinci

Salai
Leonardo da Vinci

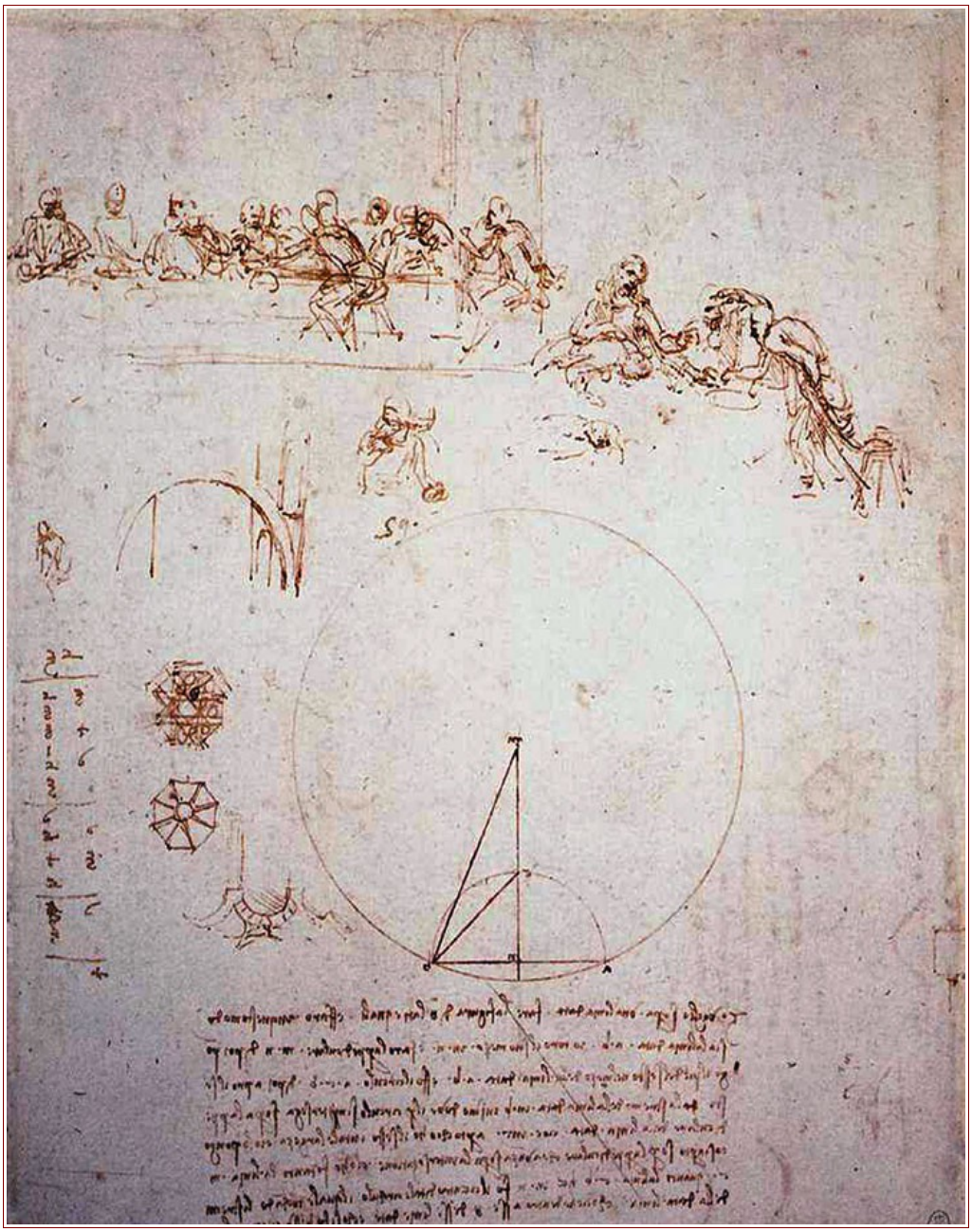


Zwiastowanie (detal)
Announciation (detail)
Leonardo da Vinci



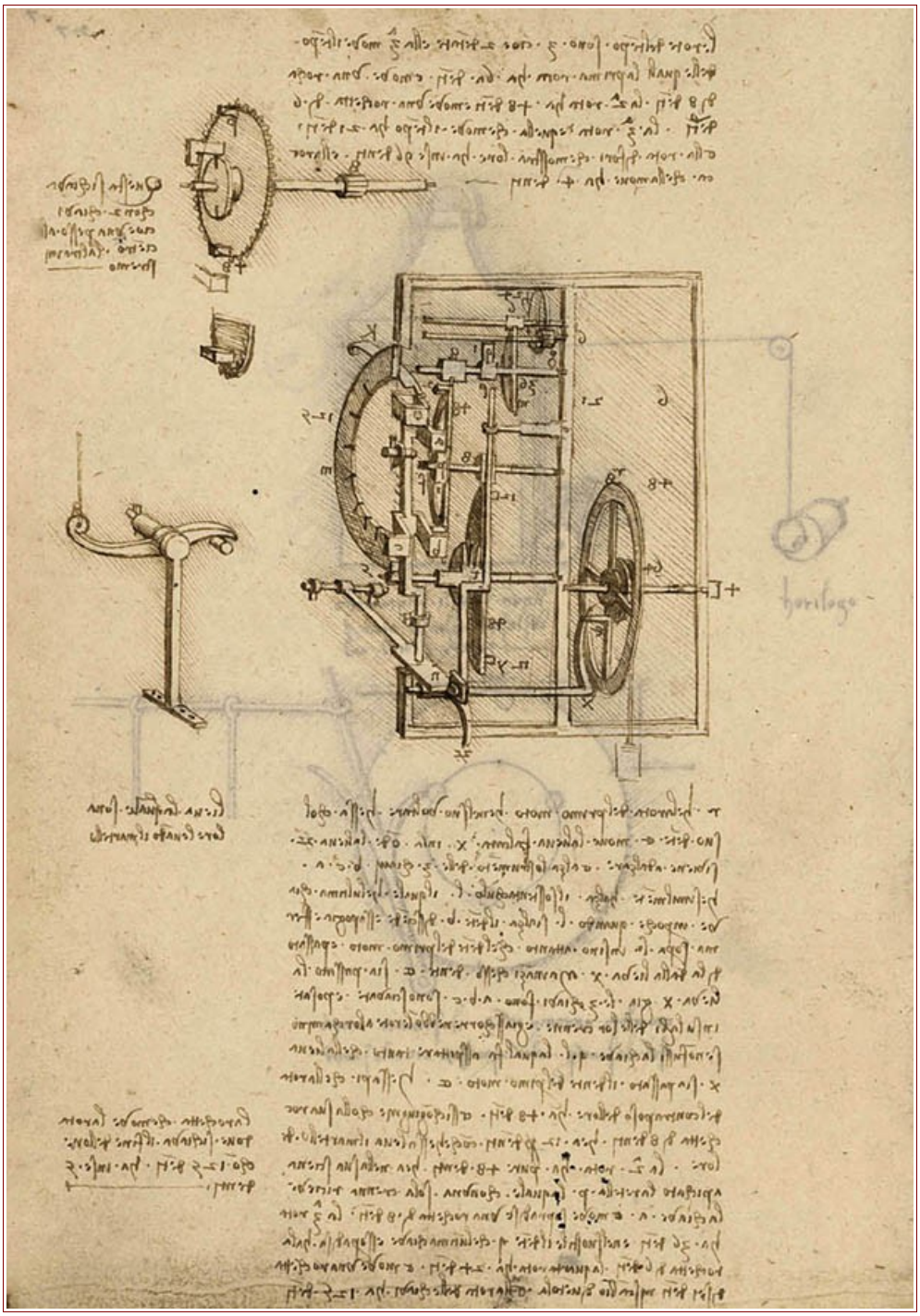
Leonardo da Vinci

Chrystusek z Barankiem
Christ with Lamb
Leonardo da Vinci

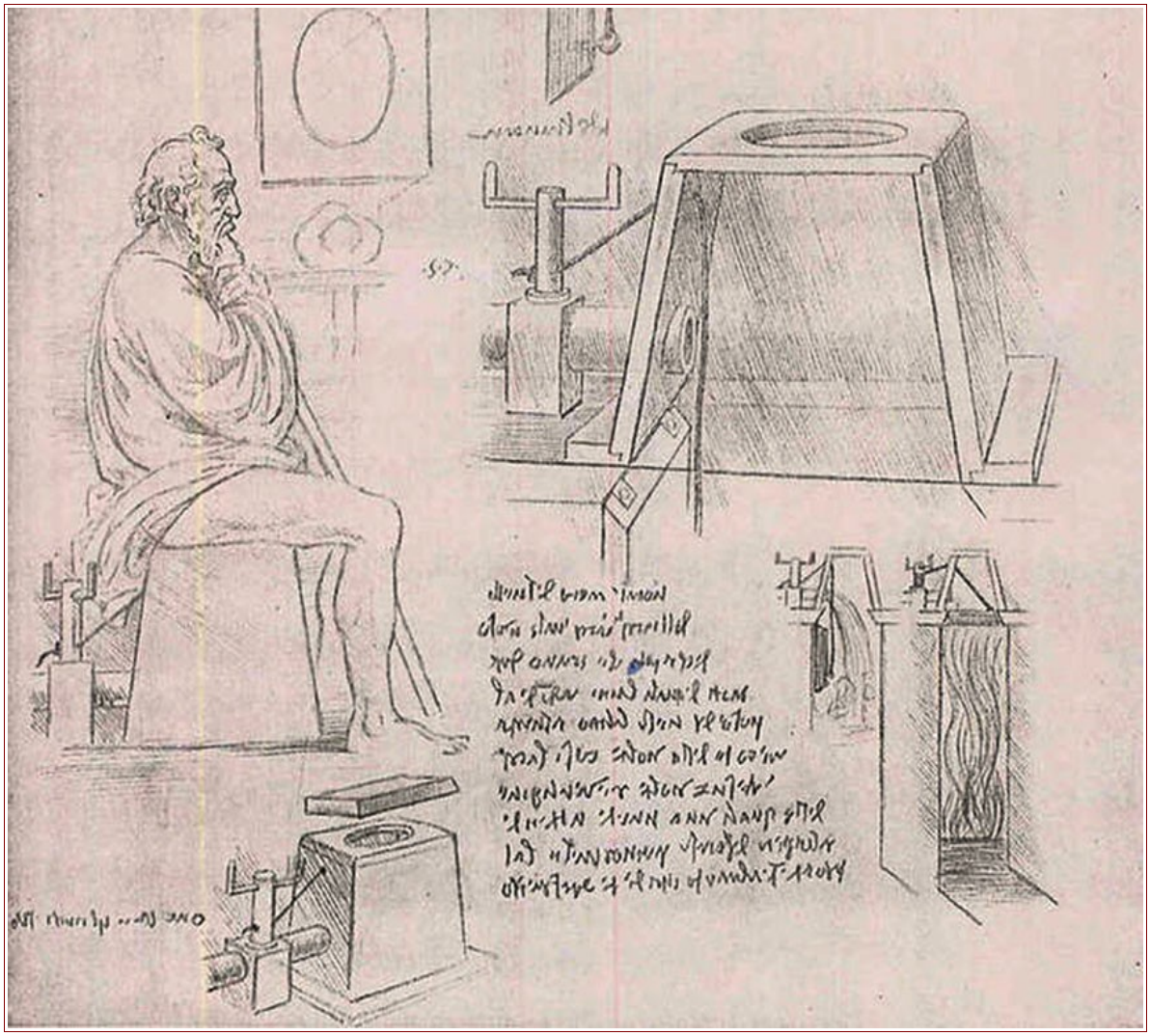


Leonardo da Vinci

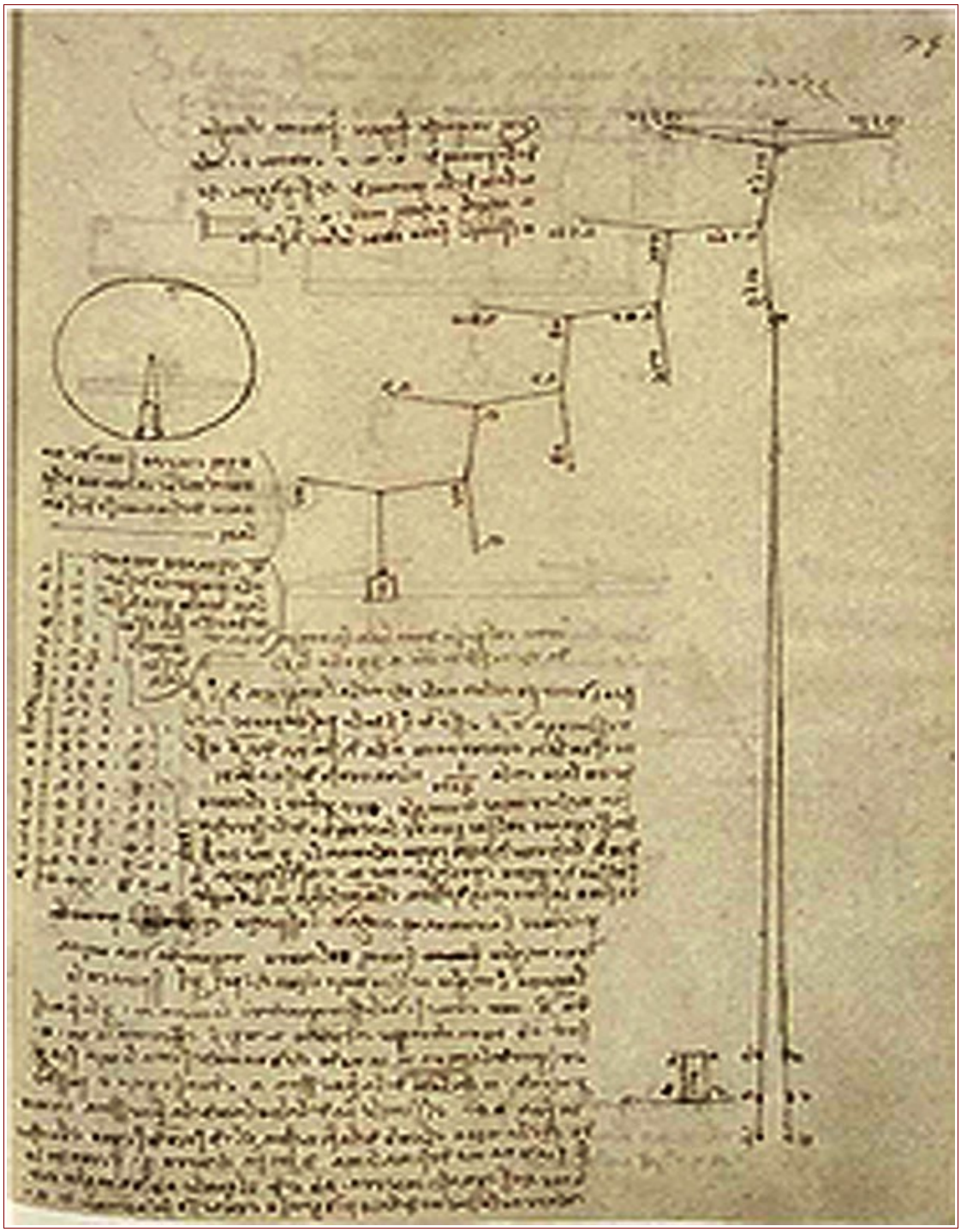
Studium do Ostatniej Wieczerzy
Study for the Last Supper
Leonardo da Vinci



Leonardo da Vinci



Leonardo da Vinci

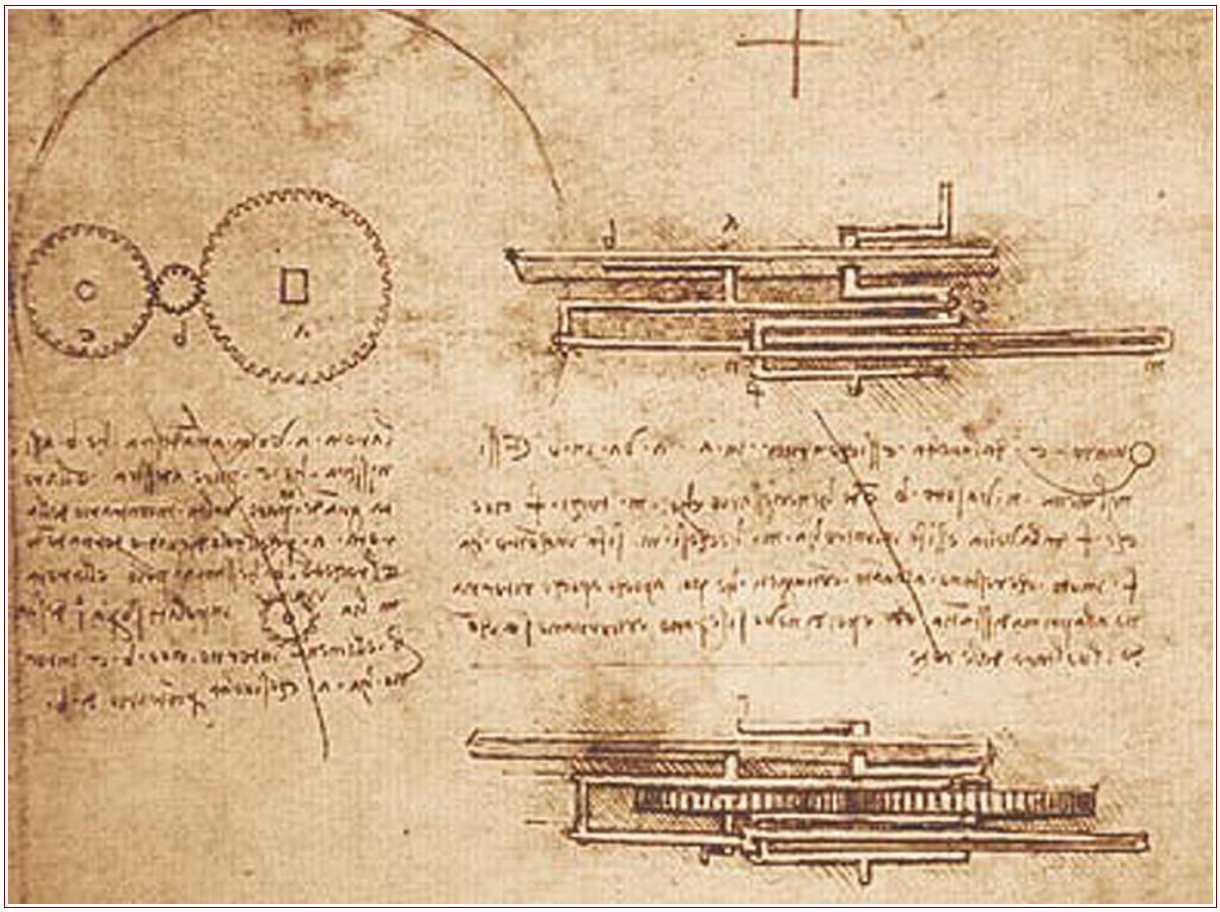


Leonardo da Vinci

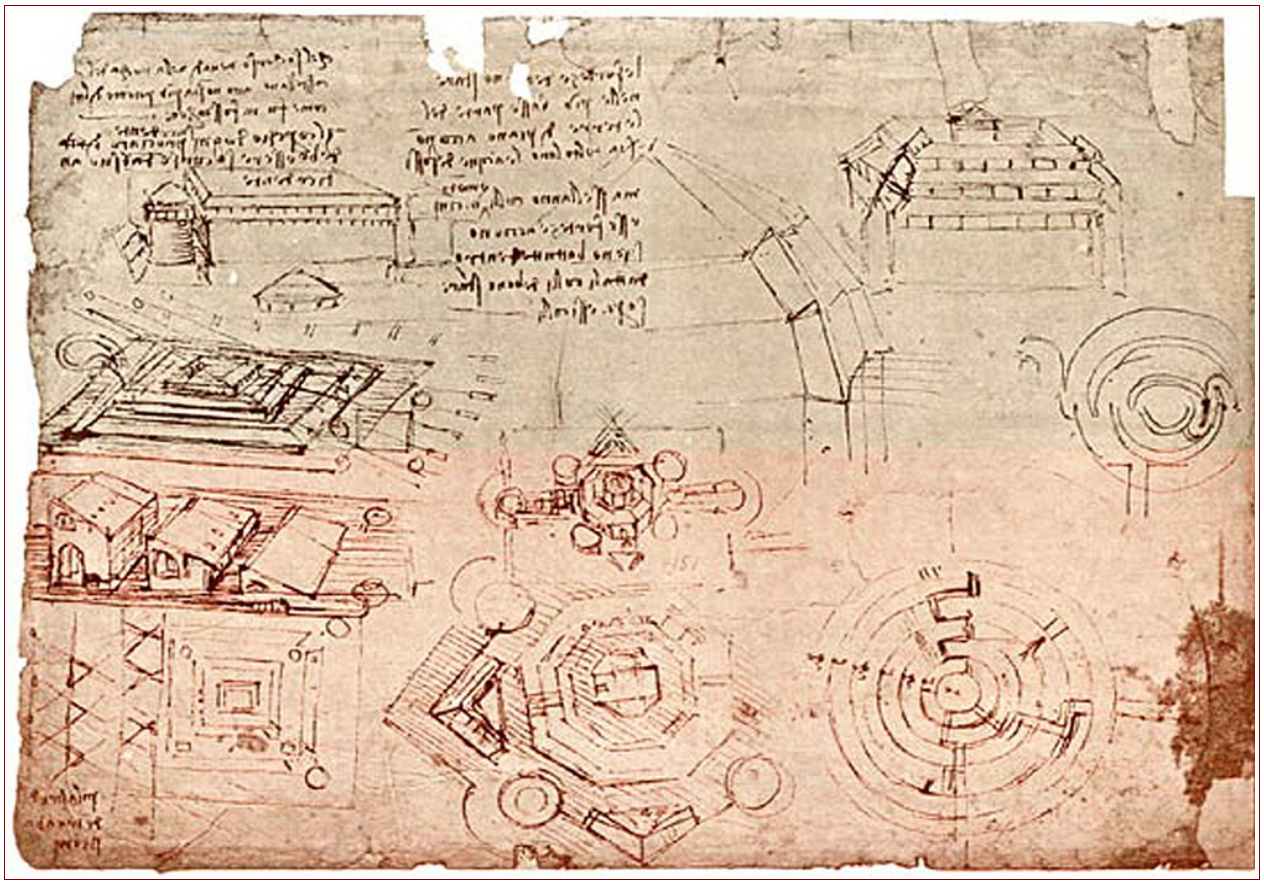
Leonardo da Vinci

Codex Arundel
Leonrado da Vinci

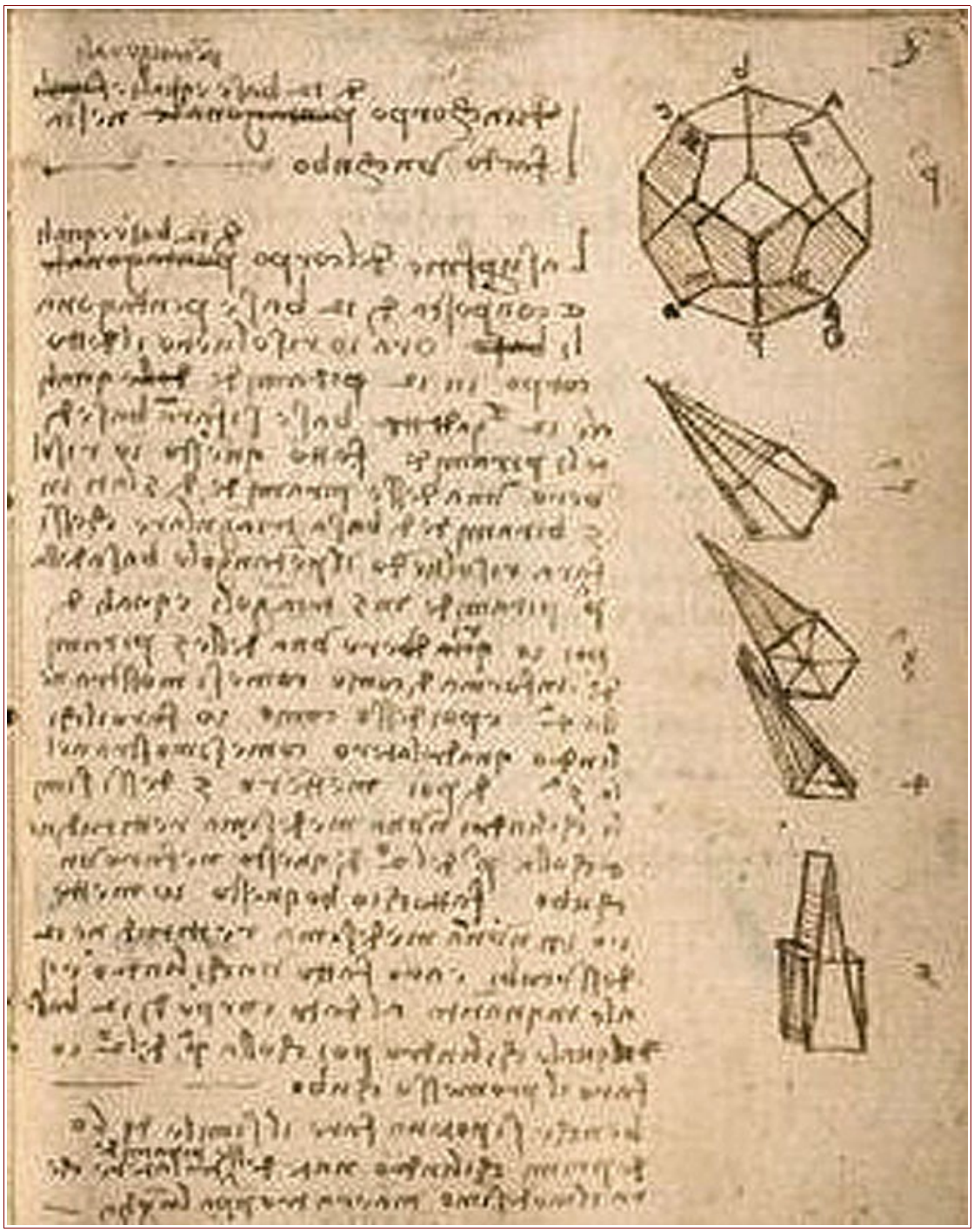
Codex Arundel
Leonardo da Vinci



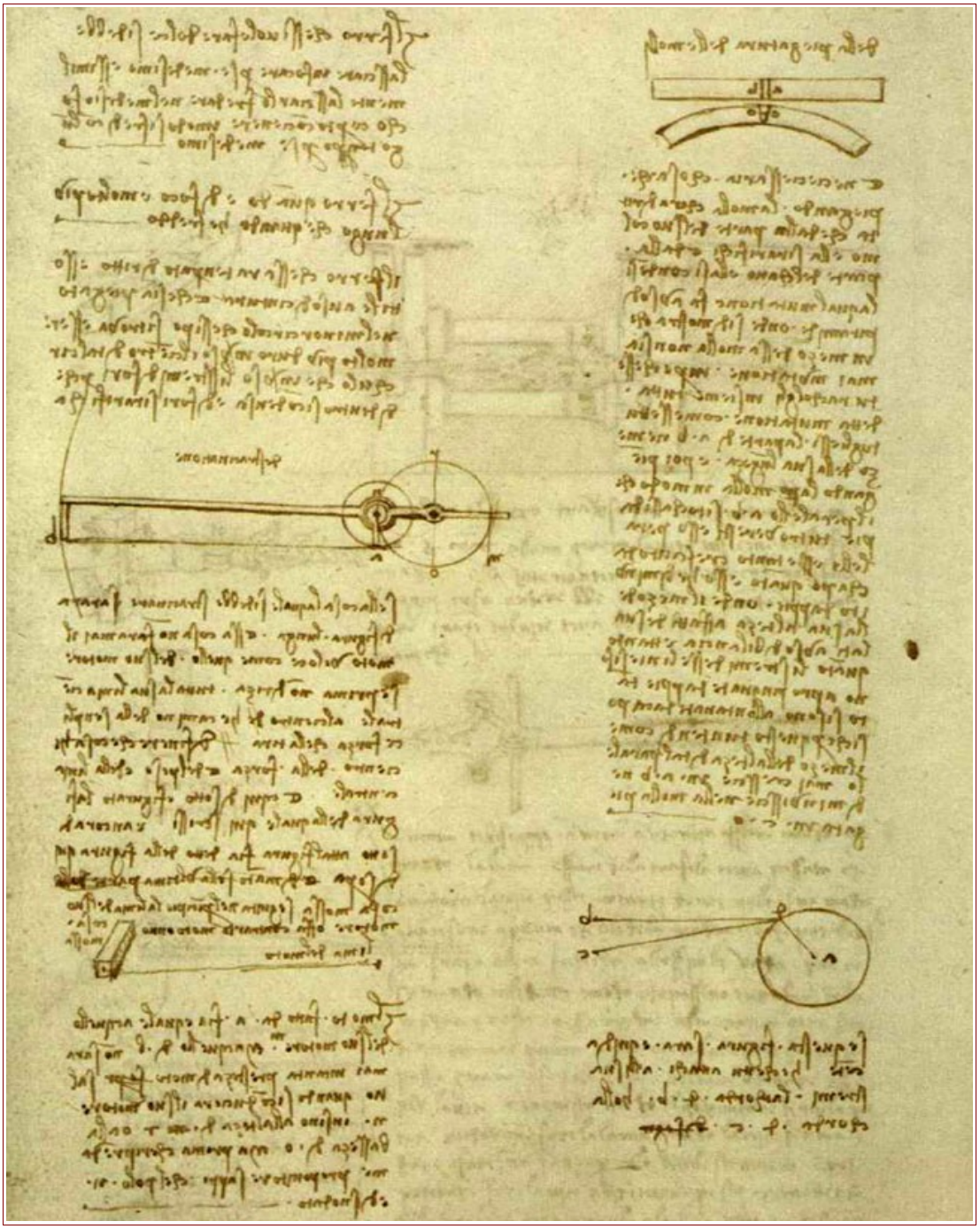
Szkic Mechanizmu
Mechanical Drawing
Leonardo da Vinci



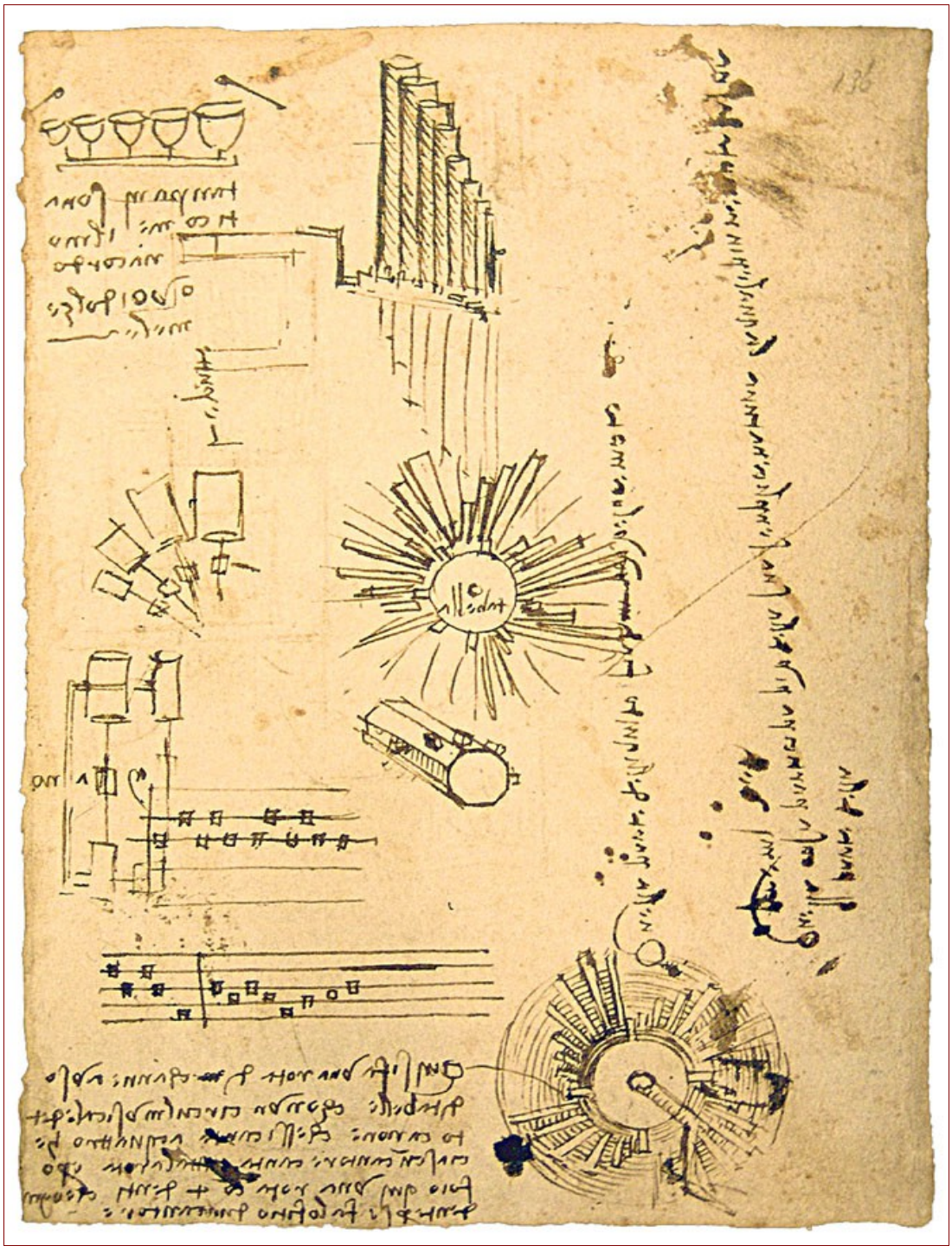
Szkic Mediolanu
Map of Milan
Codex Atlanticus
Leonardo da Vinci



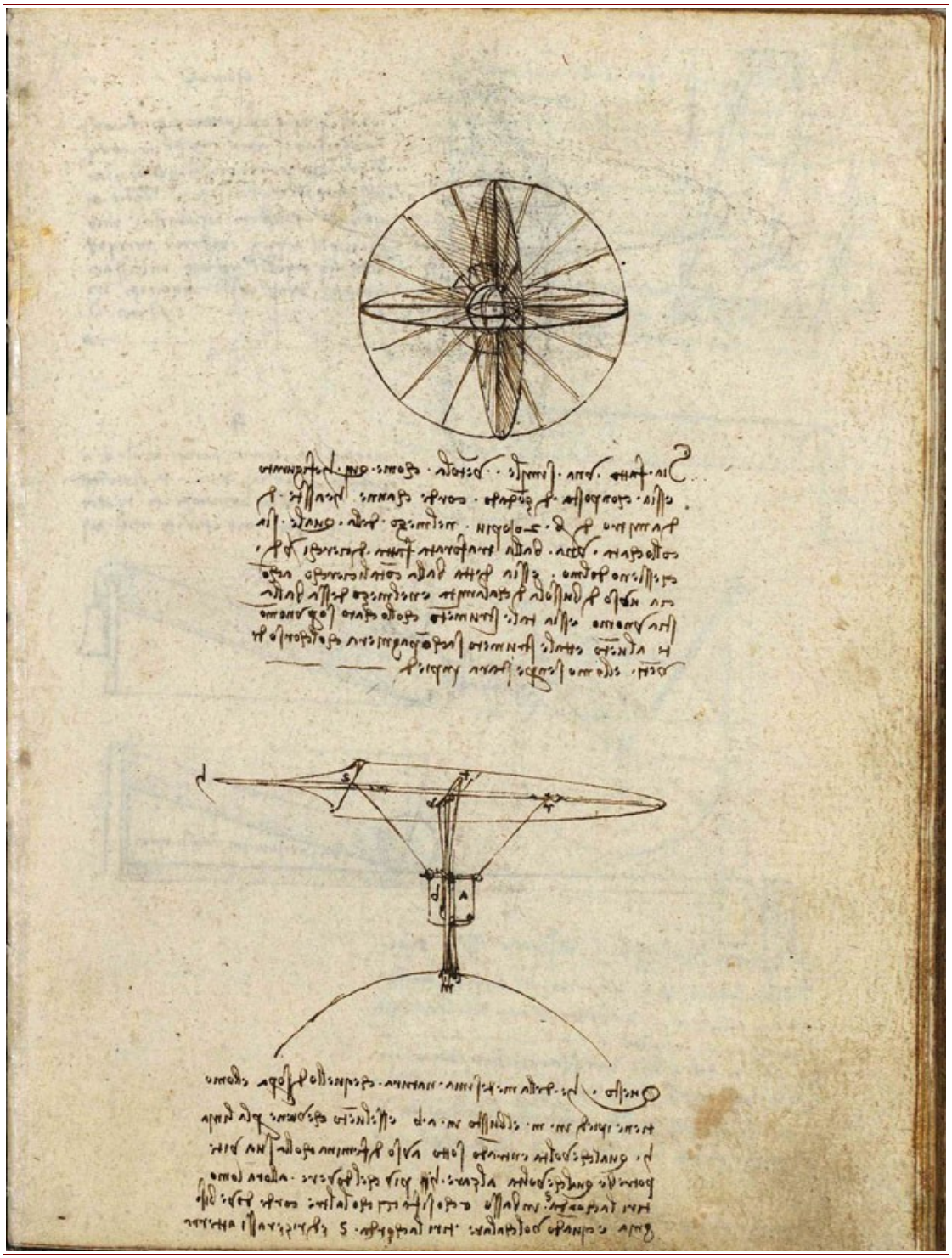
Codev Forster
Leonardo da Vinci



Szkic Techniczny: Ksztalowanie Podpor Nosnych
Beam Bending
Codex Madrid
Leonardo da Vinci



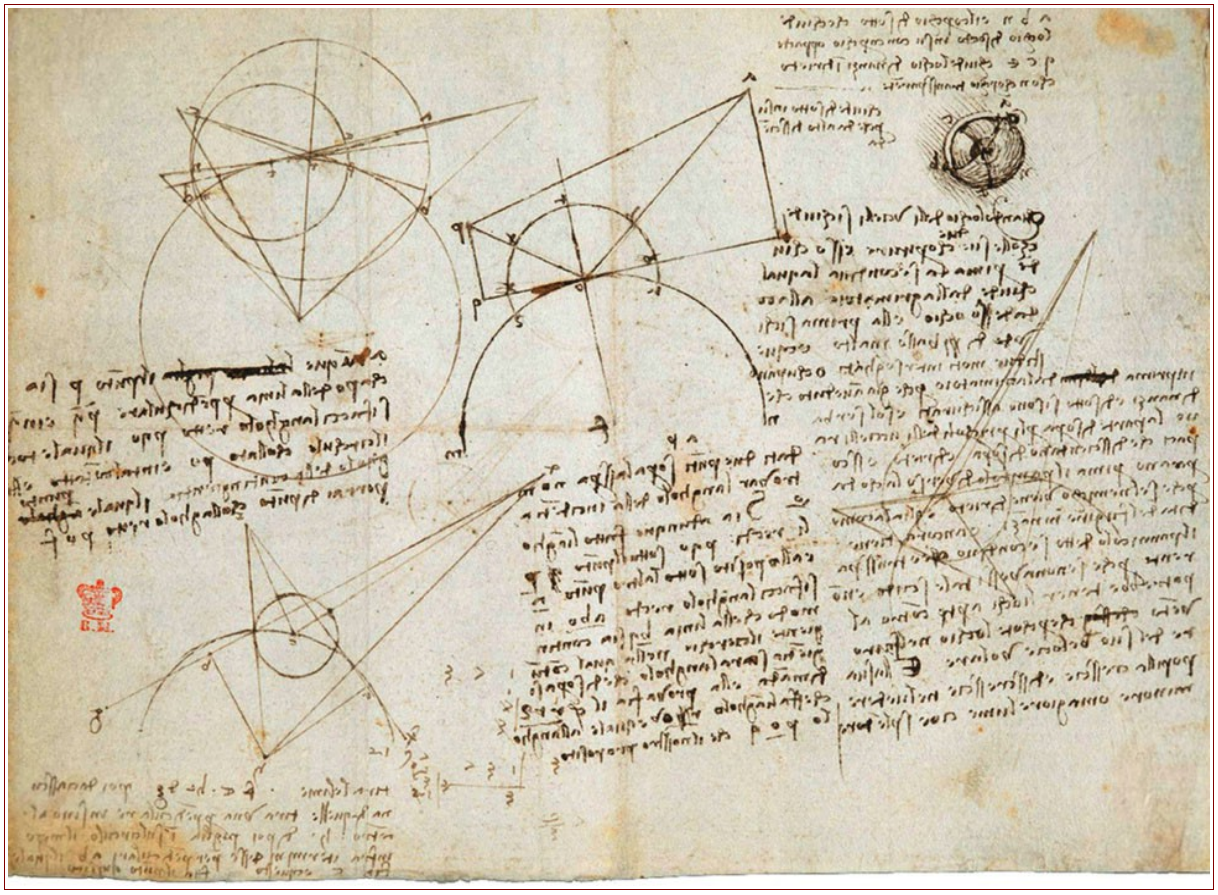
Codex Arundel (Foglio 136)
Leonardo da Vinci



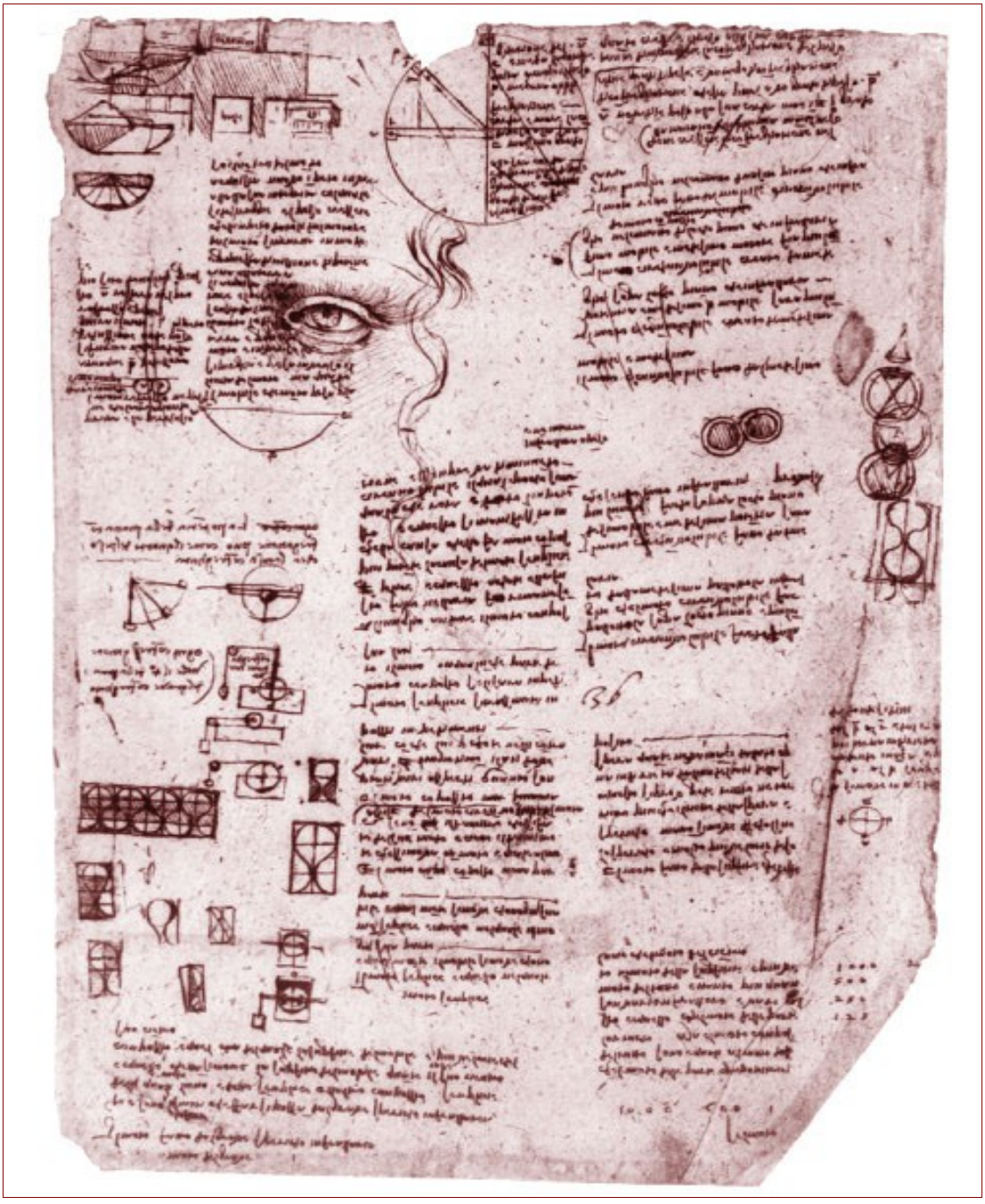
Biblioteca Nazional Collections
Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci



Codex Arundel
Leonardo da Vinci

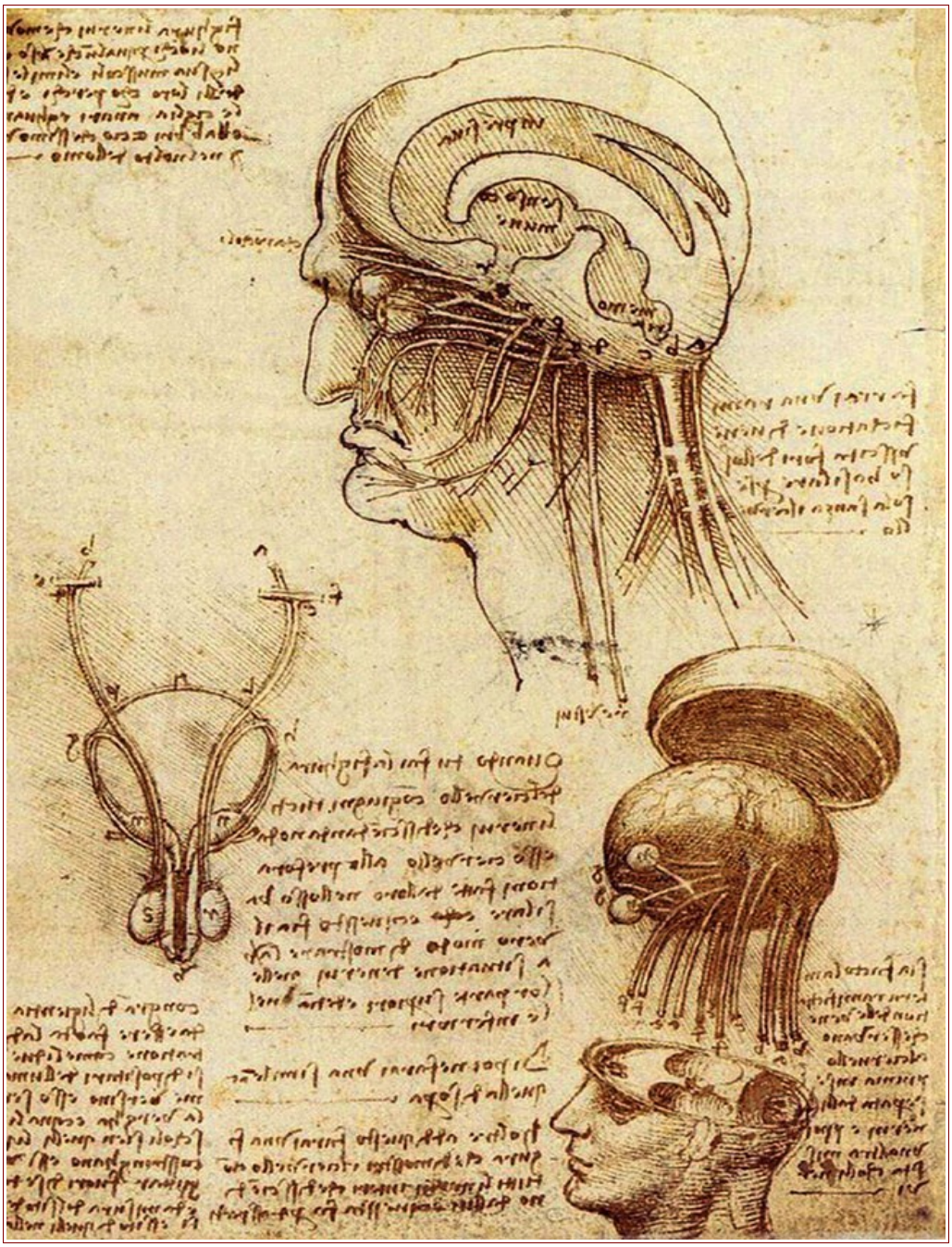


Library of Congress Collections
Leonardo da Vinci

Studium Kobiety
Study of a Woman
Leonardo da Vinci

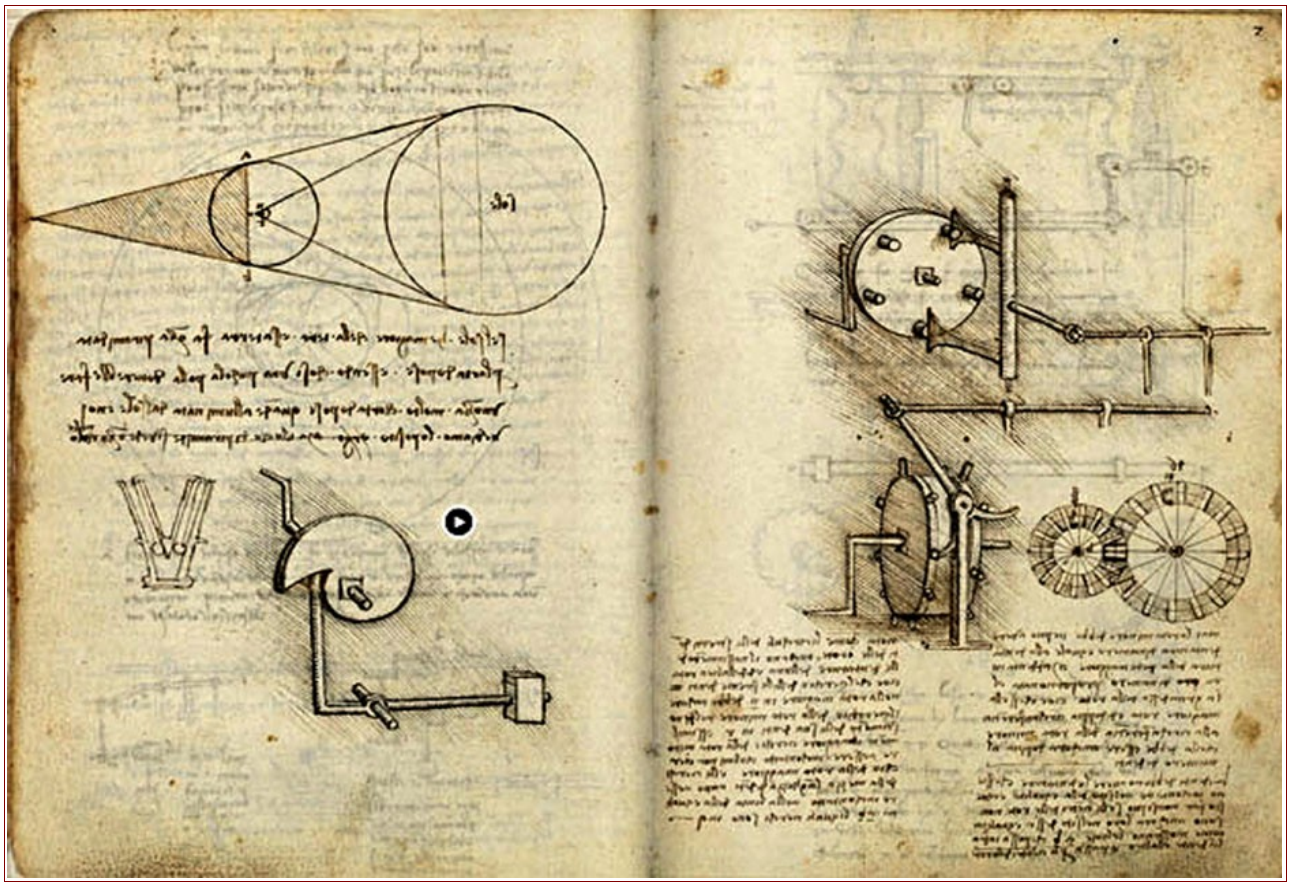
Psie Lapki
Dog's Paws
Leonardo da Vinci

Szkic Psa
Drawing of the Dog
Leonardo da Vinci (?)



Anatomical Study of the Brain
Study of the Brain
Leonardo da Vinci

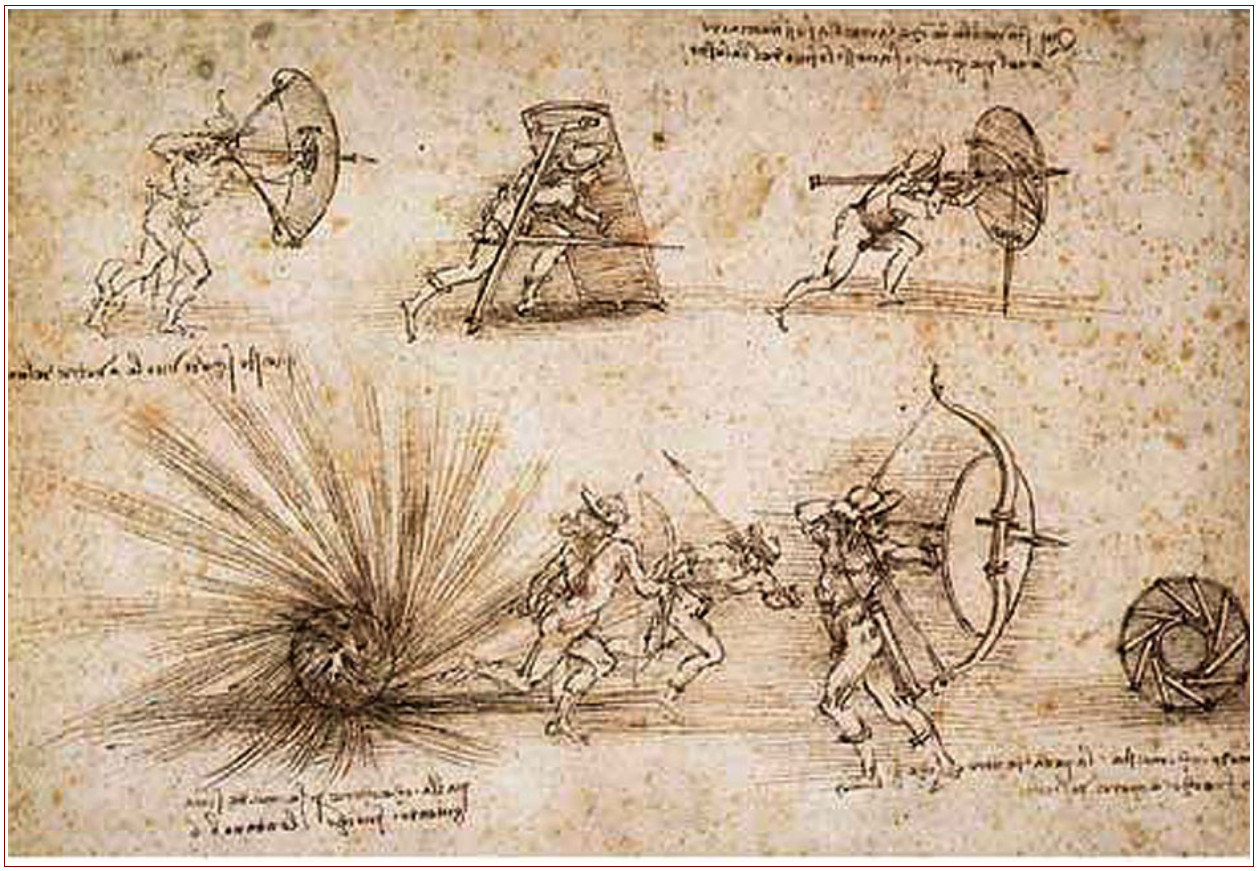
Dama z Jednorozcem
Lady with Unicorn
Leonardo da Vinci (?)



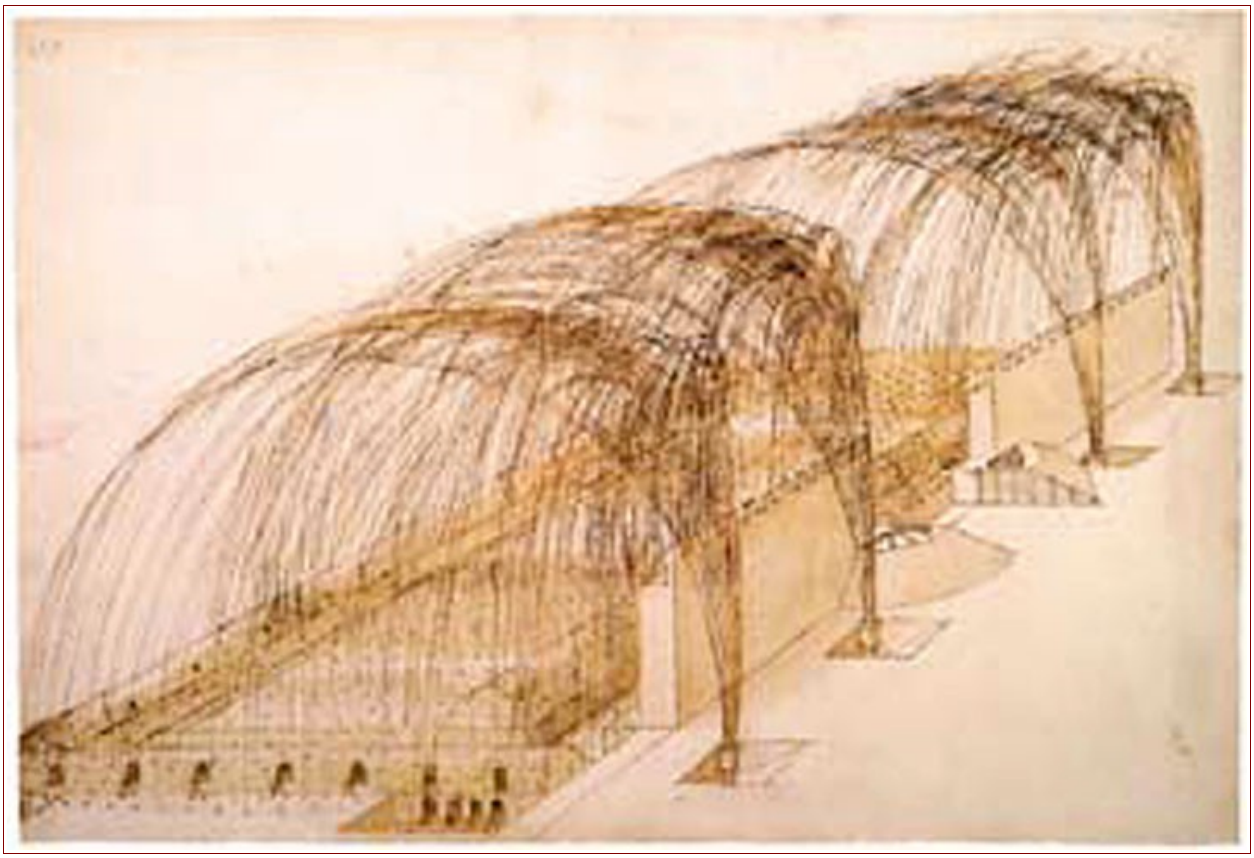
La Biblioteca Nacional de España Collections
Leonardo da Vinci

Studium Lotu Ptakow
Codex on the Flight of Birds
Leonardo da Vinci

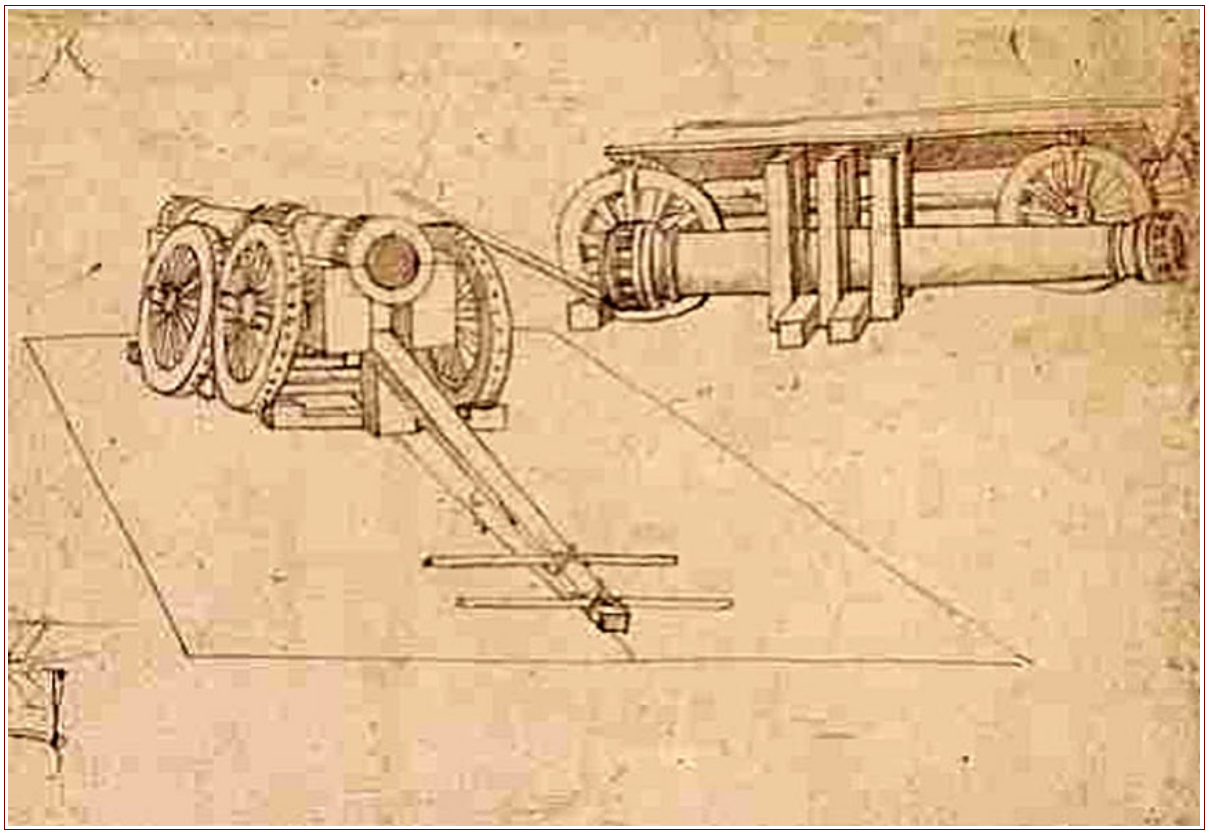
Lorenzo Medici
Leonardo da Vinci



Leonardo da Vinci



Leonardo da Vinci



Leonardo da Vinci (?)

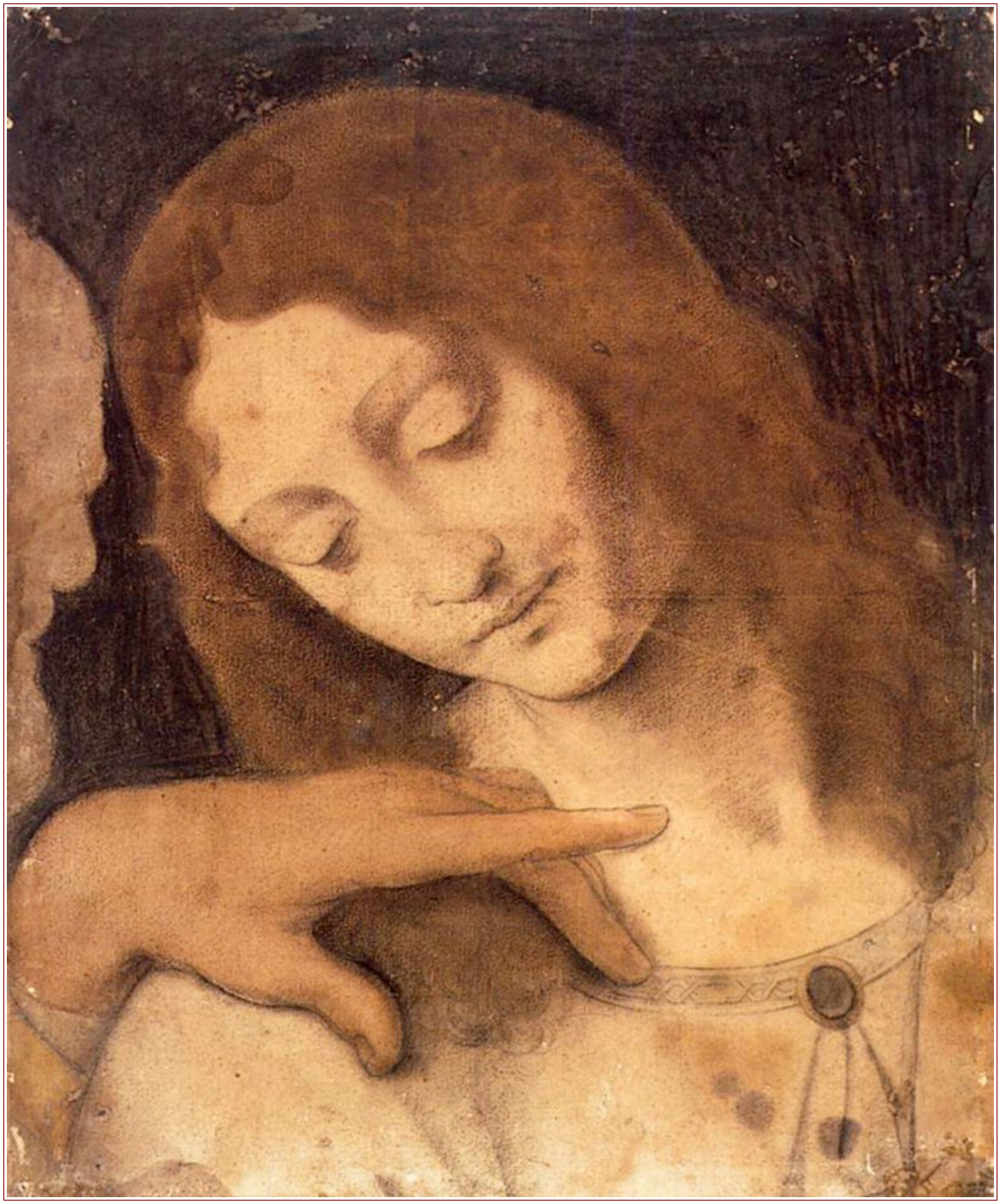
Leonardo da Vinci

Leonardo da Vinci

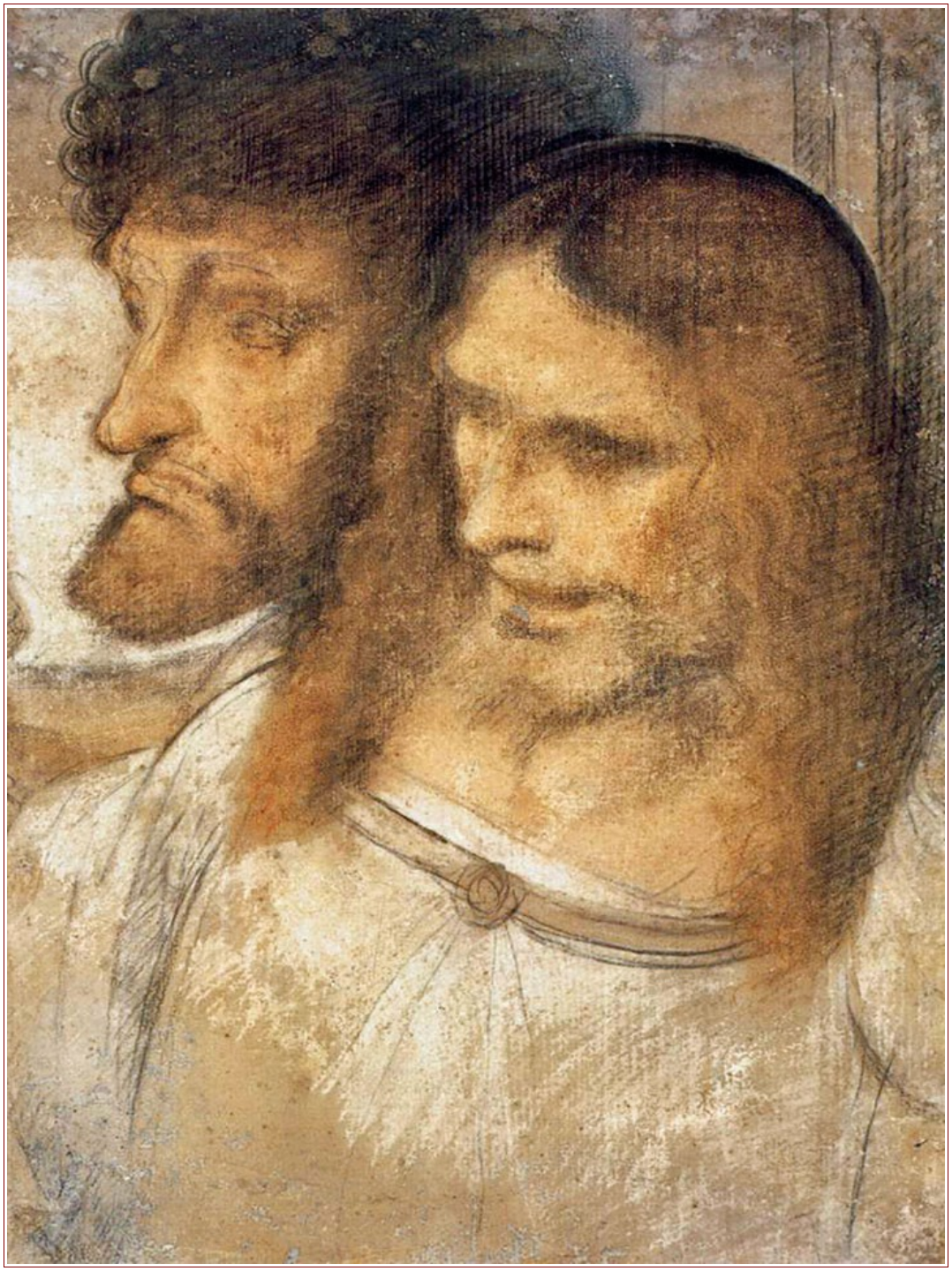
Judas
Leonardo da Vinci

Studium St. Peter and St. Judas
Leonardo da Vinci

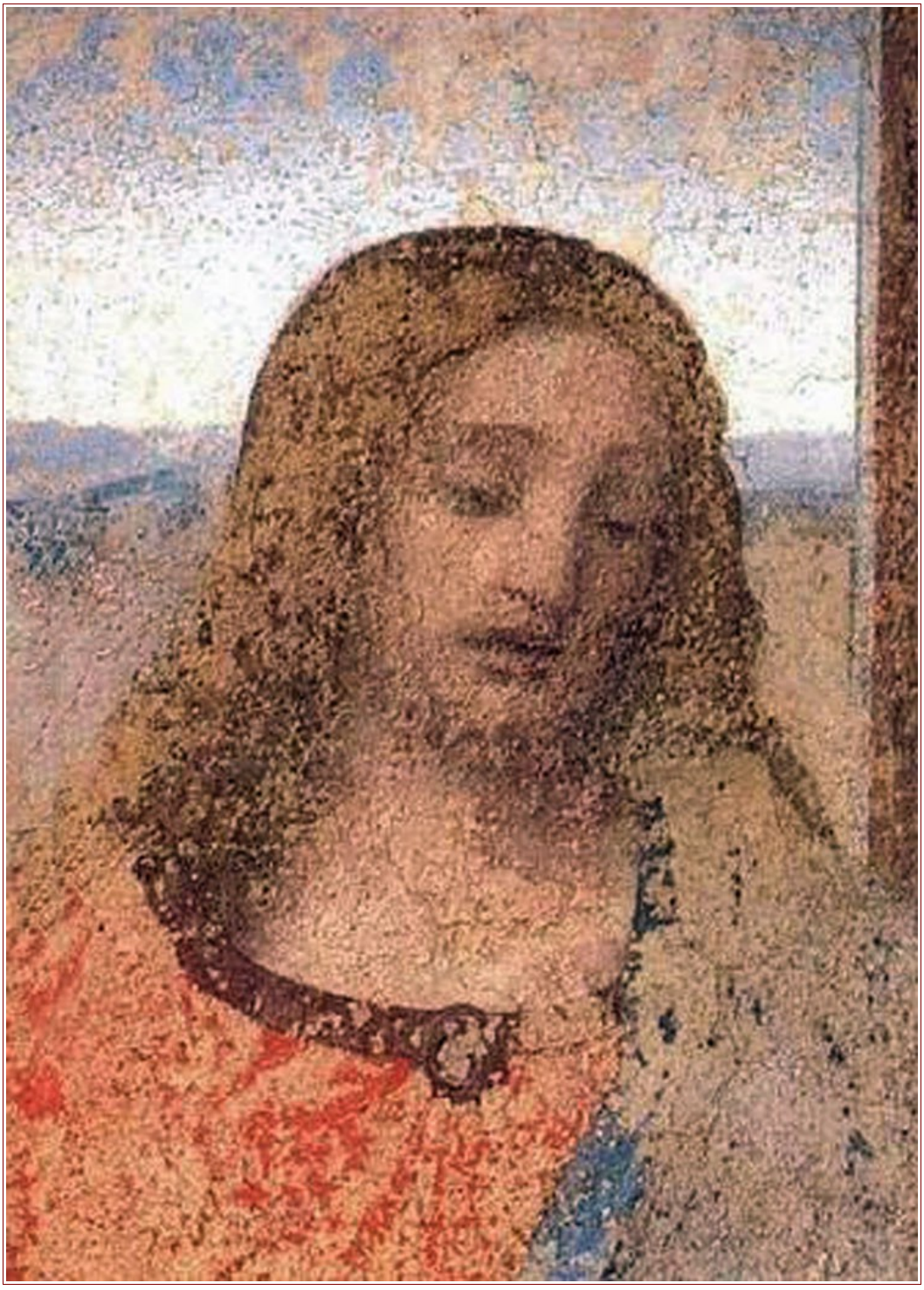
Studium Sw. Andrzeja
Stody of St. Andrew
Leonardo da Vinci



Studium Sw. Jana
Stidy of St. John
Leonardo da Vinci

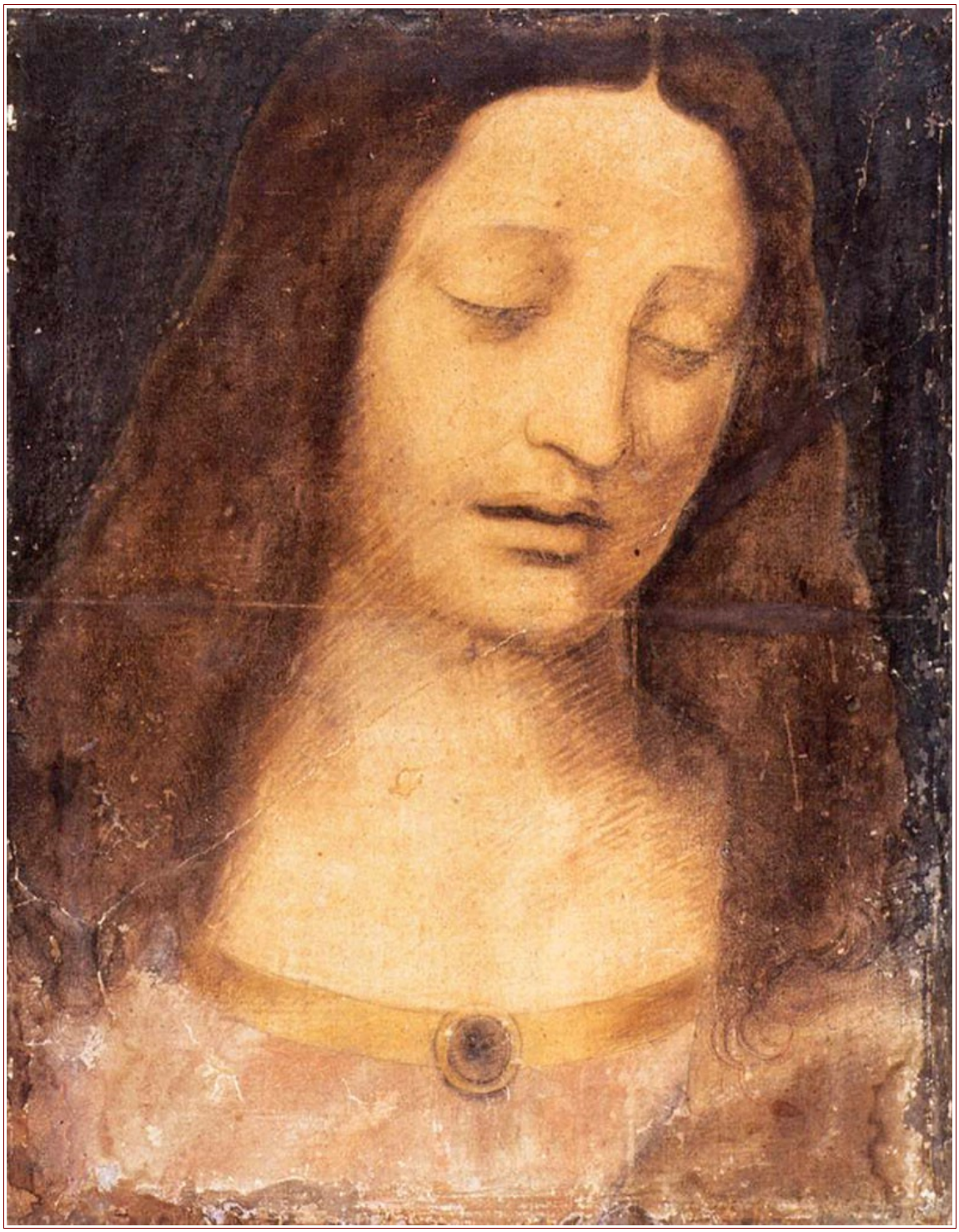


Studium Sw; Jakuba i Sw. Tomasza
Study of St. Toma and St. James
Leonardo da Vinci

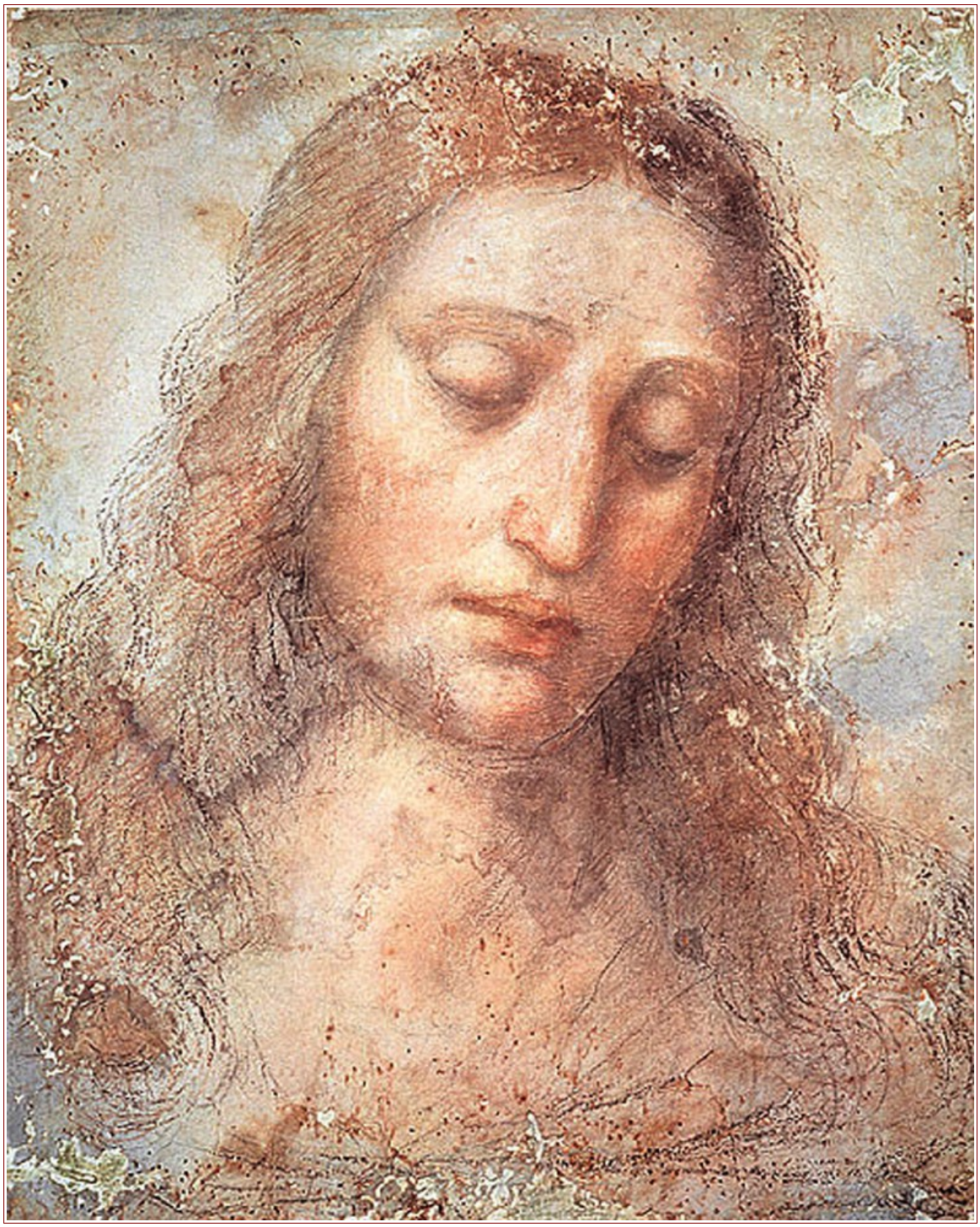


The Last Supper
Leonardo da Vinci

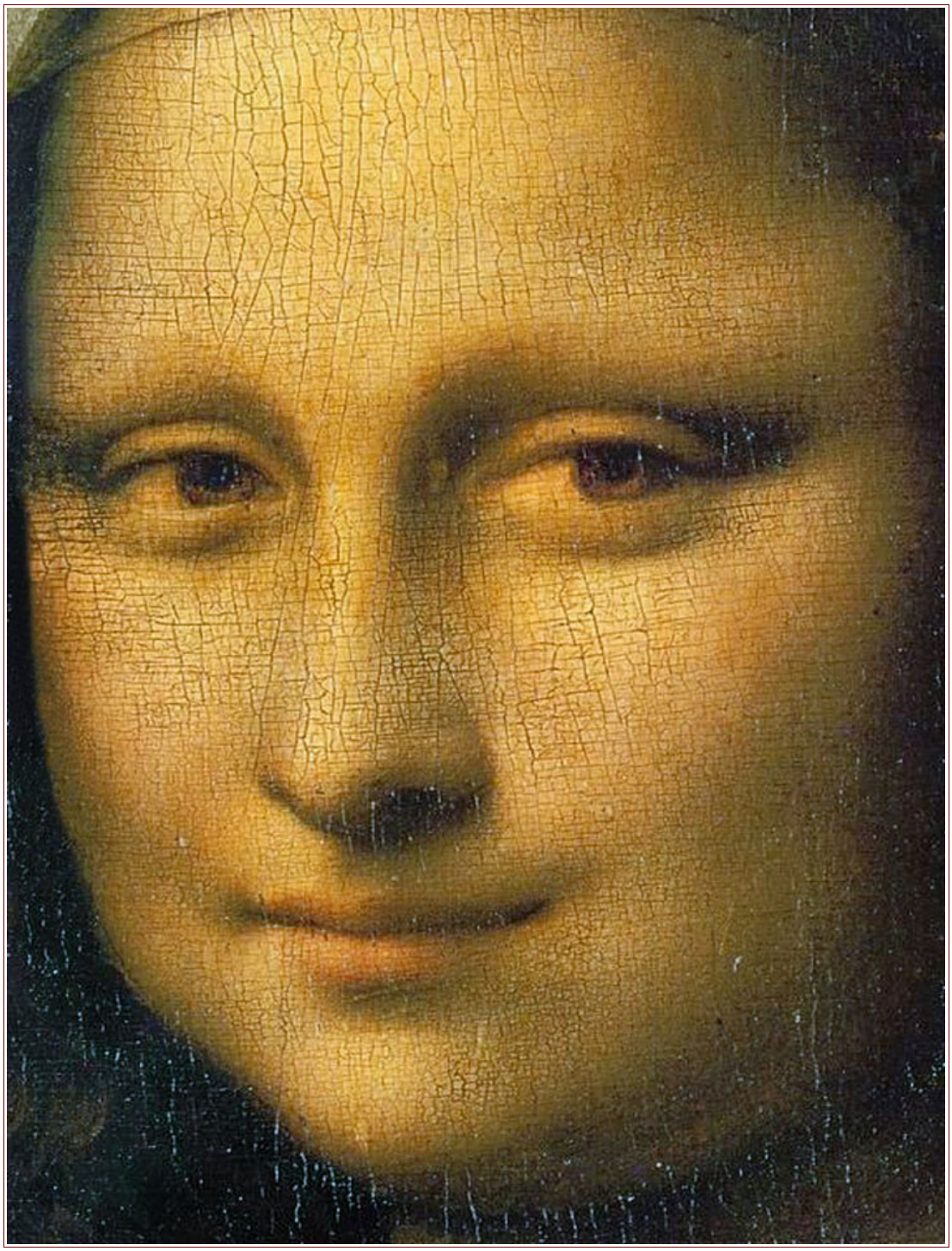
Jezus Chrystus , Ostatnia Wieczerza
Jesus Christ, Last Super
Leonardo da Vinci



Jezus Chrystus, Ostatnia Wieczerza
Jesus Christ, Last Super
Leonardo da Vinci



Jezus Chrystus, Ostatnia Wieczerza
Jesus Christ, Ostatnia Wieczerza
Leonardo da Vinci



Mona Lisa (Gioconda)
Leonardo da Vinci

Leonardo da Vinci

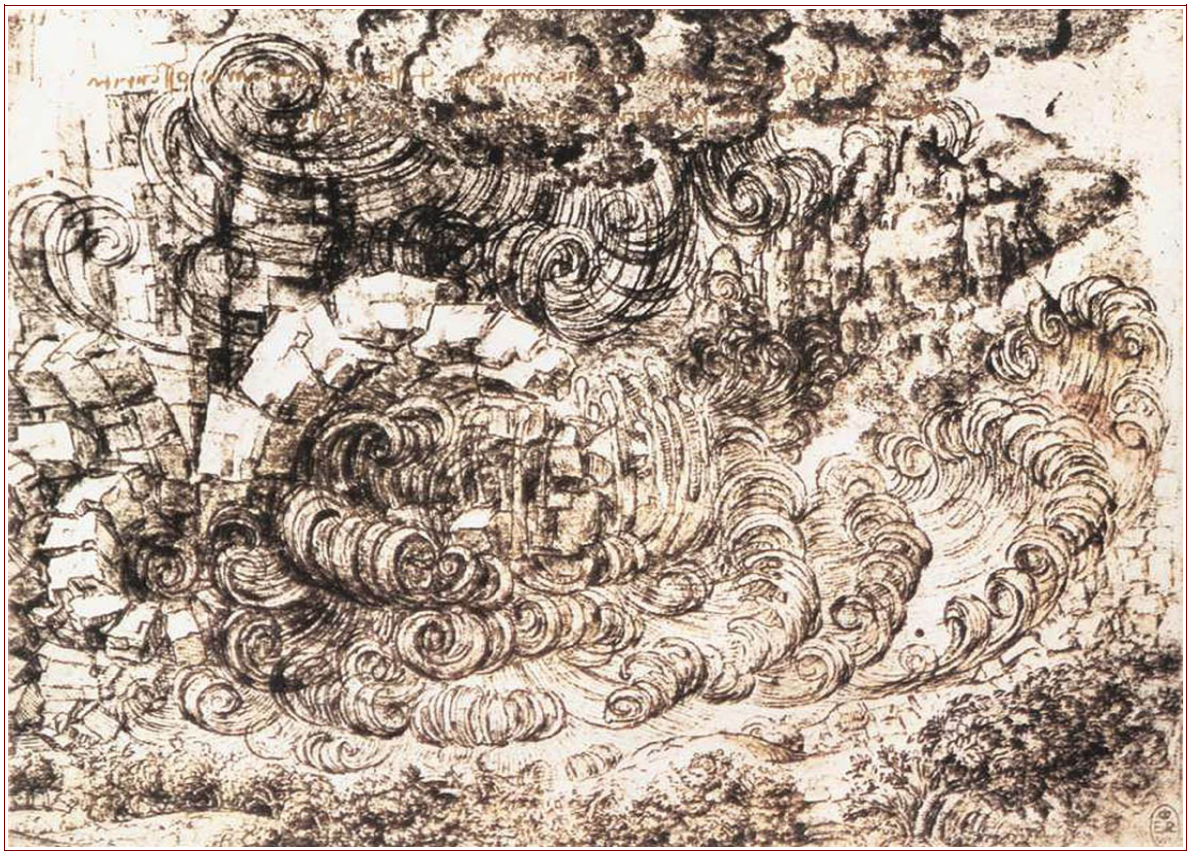
Leonardo da Vinci (?)

Studium Apostoła
Study of Apostle
Leonardo da Vinci

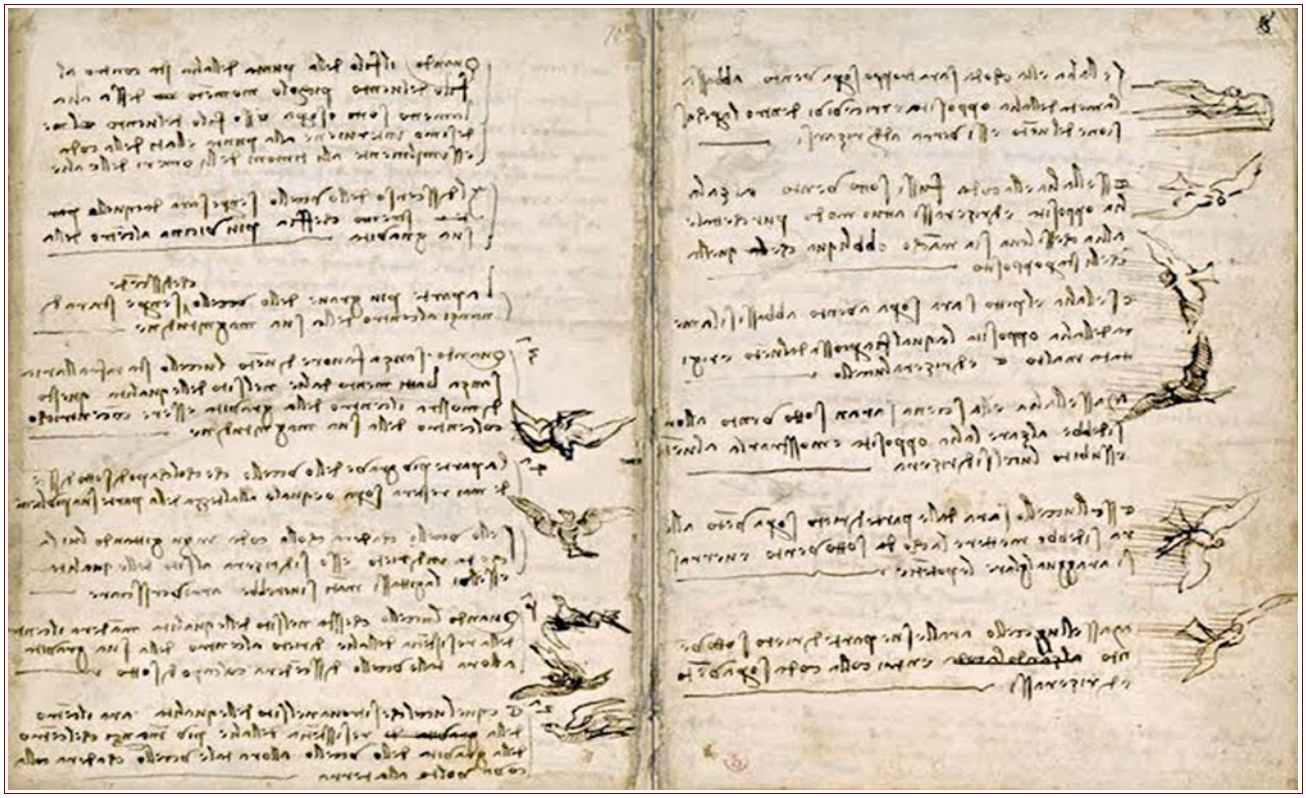
Pejzaż z Kaczkami Wodnymi (Francja. Leonardo cierpiał na niedowład reki)
Landscape with Ducks (France. Leonardo suffered paralize)
Leonardo da Vinci

Burza nad Miastem (Francja)
Storm over the City
Leonardo da Vinci

Powodz
Flood
Leonardo da Vinci



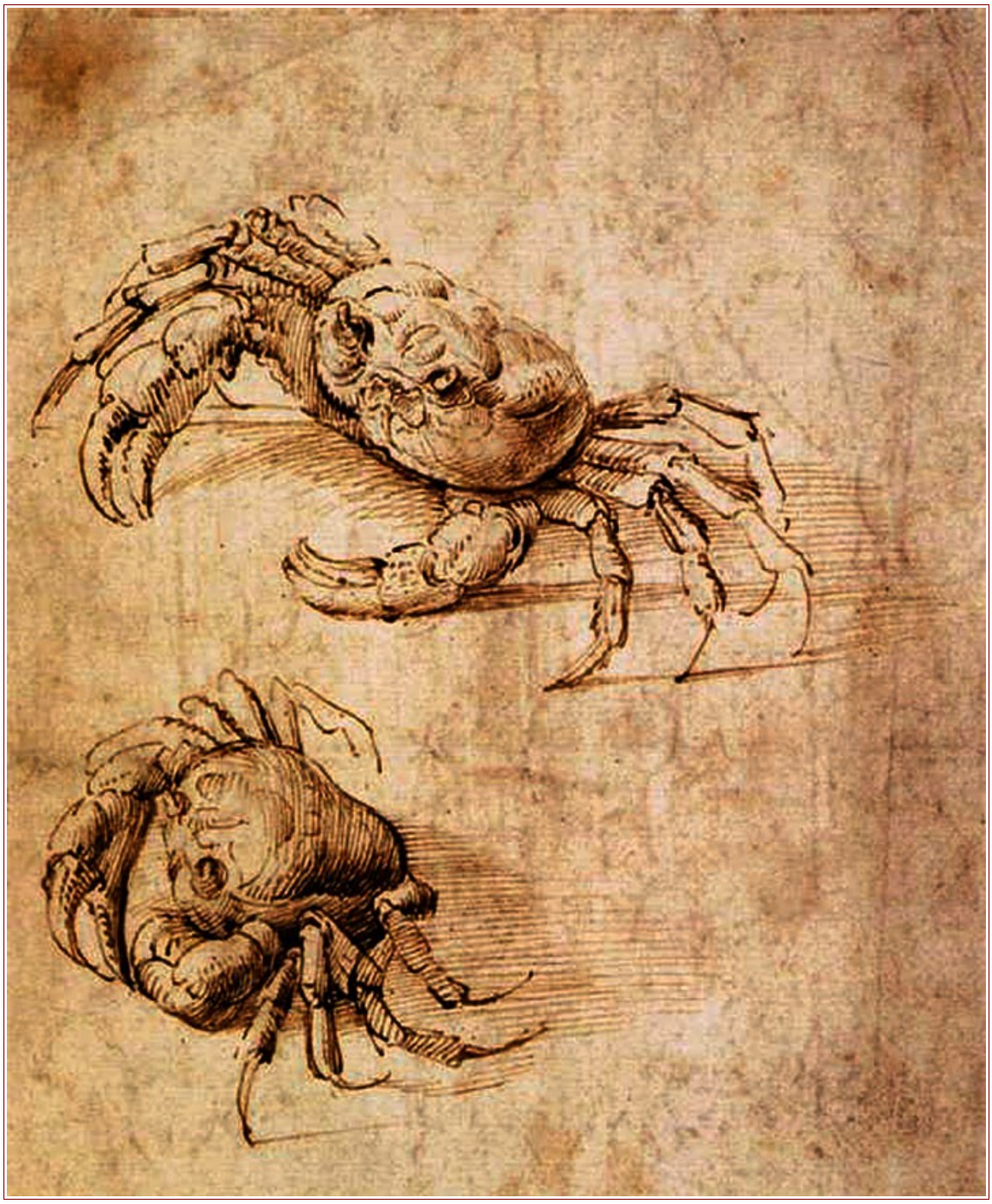
Burza
Sztorm
Leonardo da Vinci



Manuscript Lotow Ptactwa
Codex on the Flight of Birds
Leonardo da Vinci

Zwiastowanie (detal)
Announciation (detail)
Leonardo da Vinci

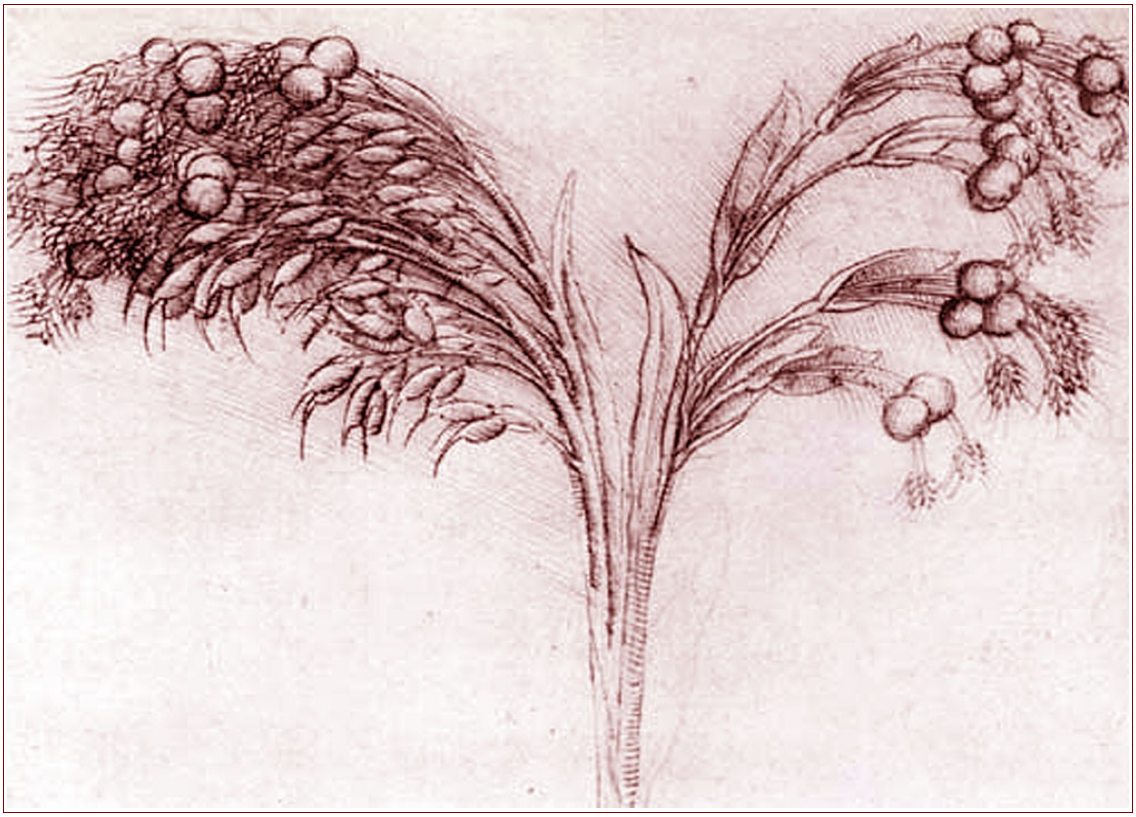
Leonardo da Vinci



Leonardo da Vinci

Leonardo da Vinci

Leonardo da Vinci



Leonardo da Cinci

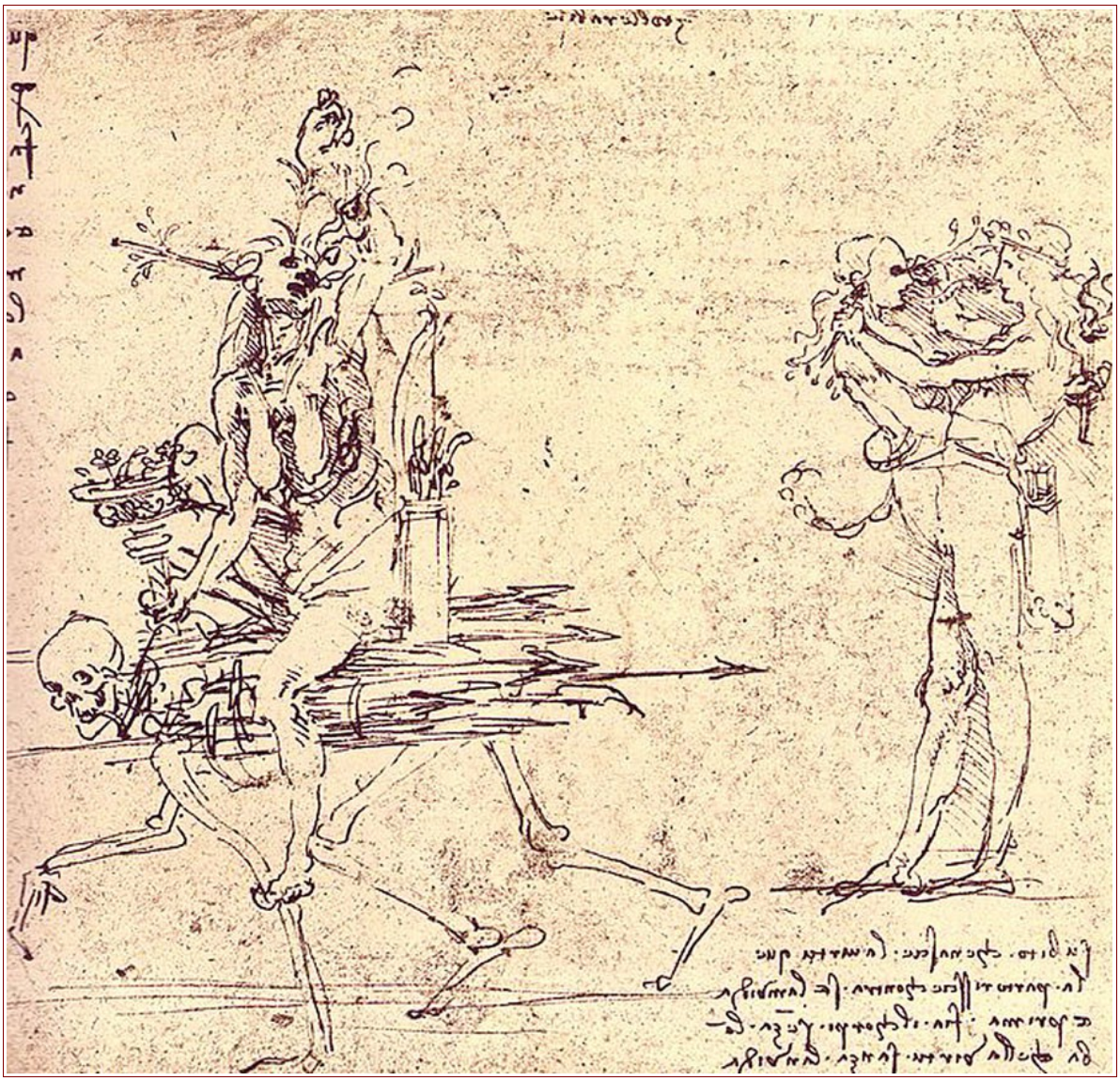
Royal Collections Windsor
Leonardo da Vinci

Royal Collections Windsor
Leonardo da Vinci

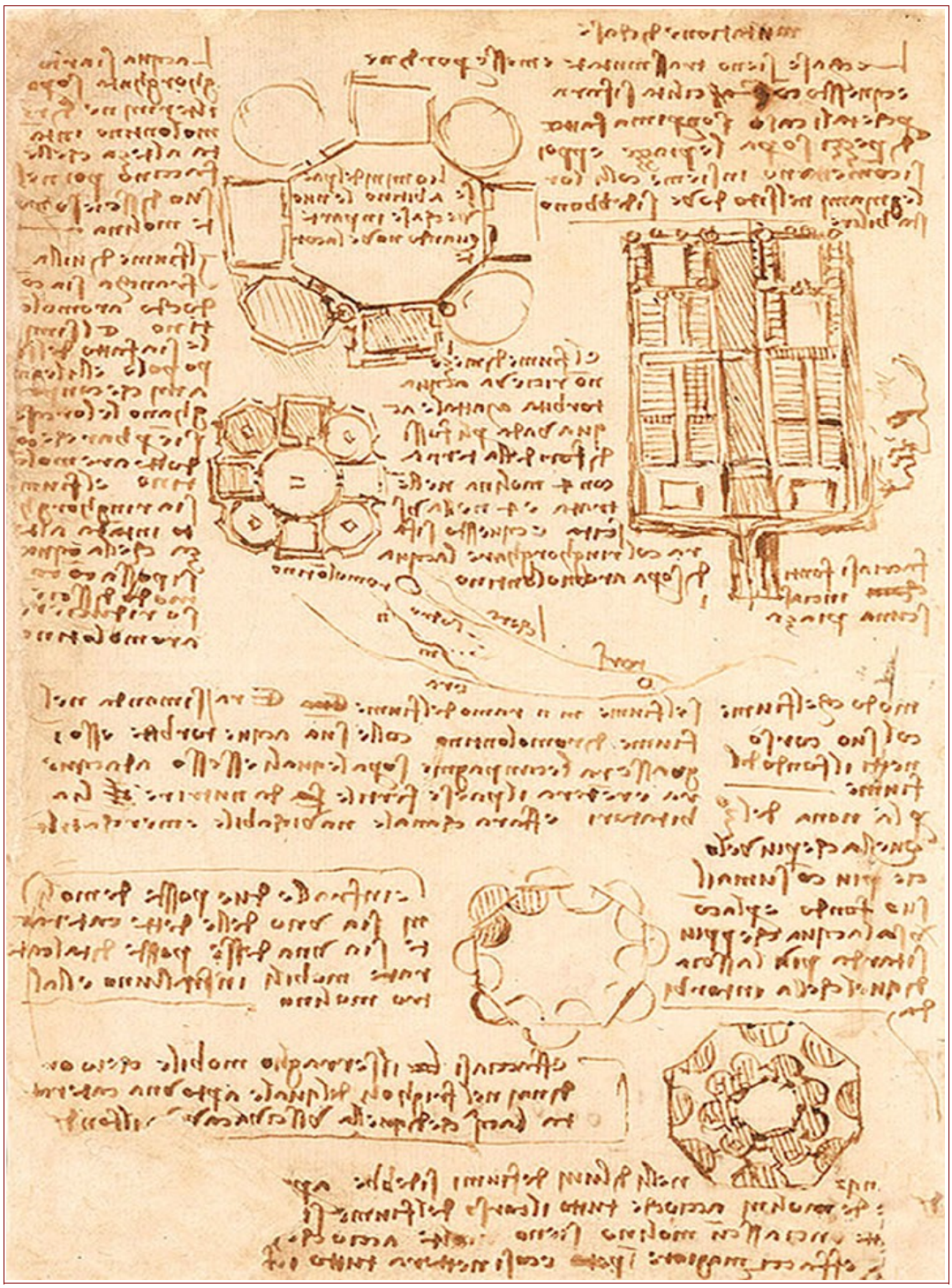
Studium Smoka
Study of Dragon
Leonardo da Vinci

Jezdziec
Riders
Leonardo da Vinci

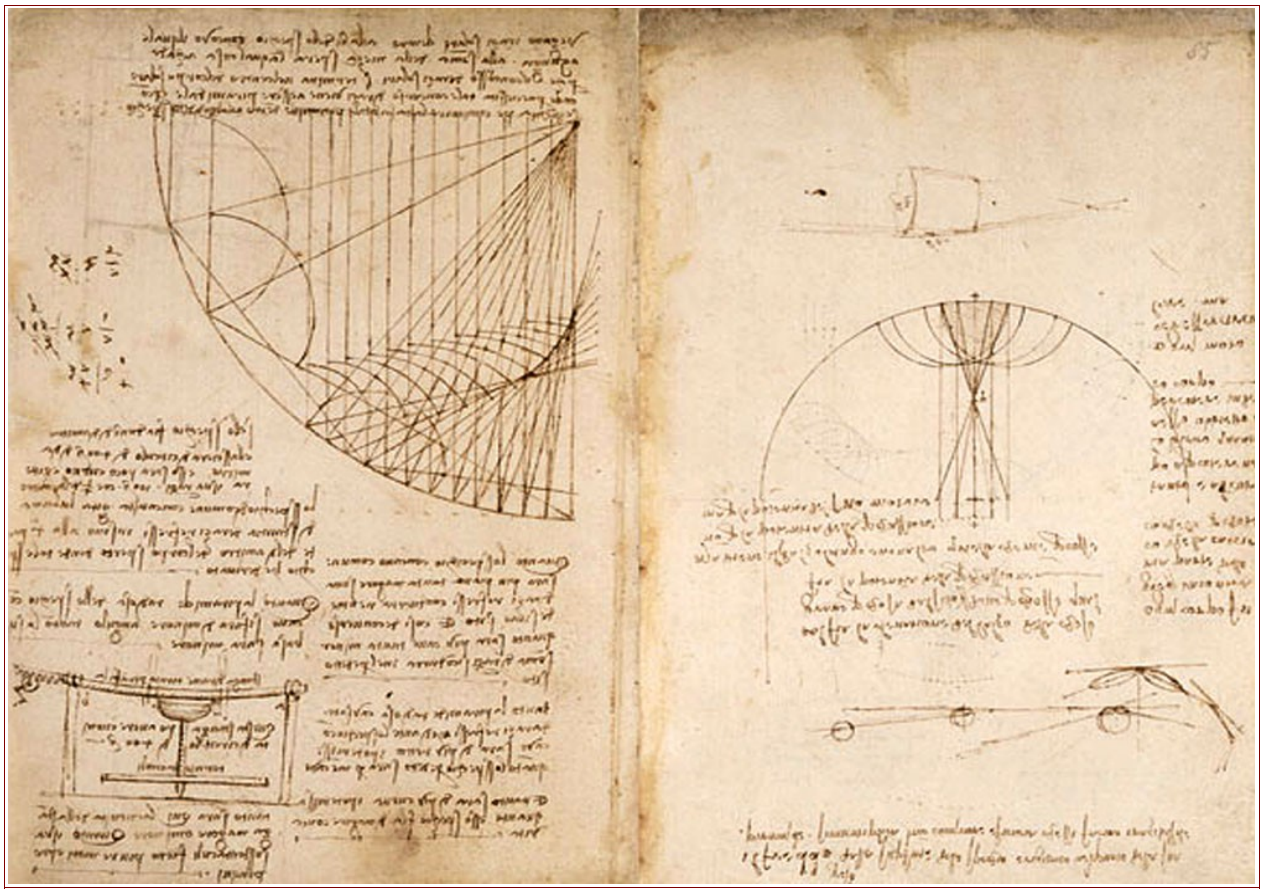
Leordo da Vinci



Ilustracja: Cnoty i Zazdrosc
Virtue and Envy Illustration
Leonardo da Vinci

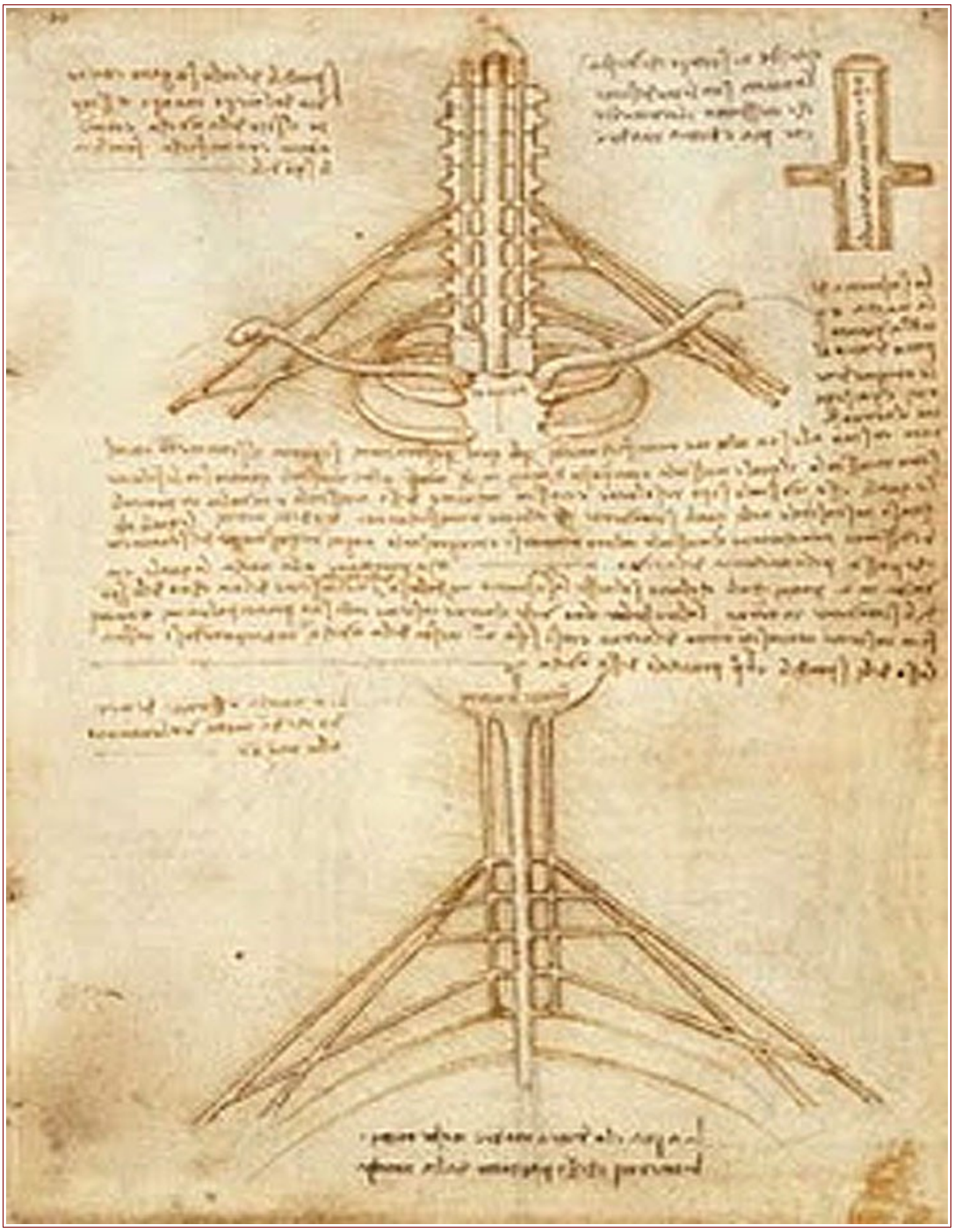


Studium Miasta (Francja)
Study of the City
Leonardo da Vinci

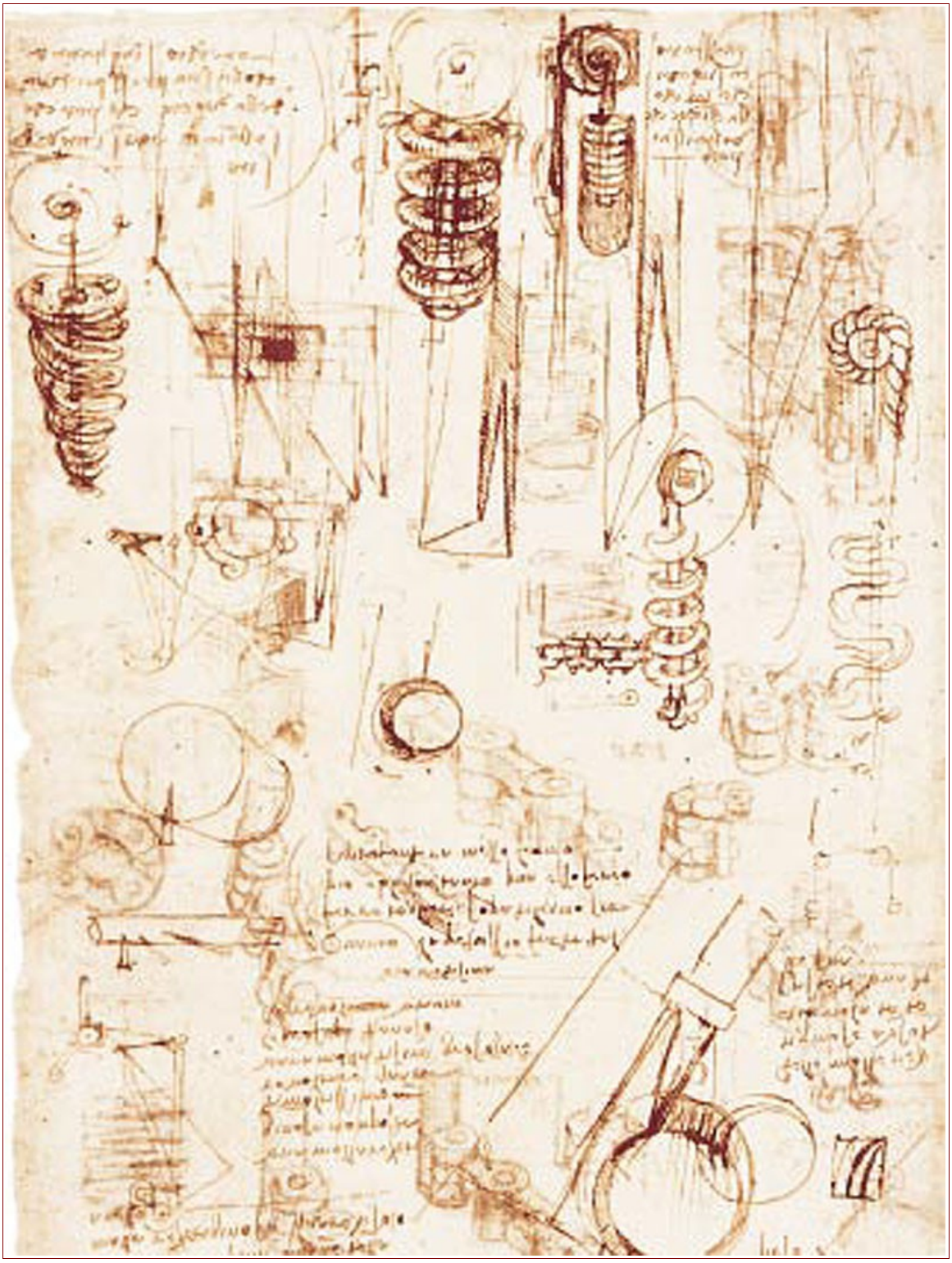


Codex Arundel
Leonardo da Vinci

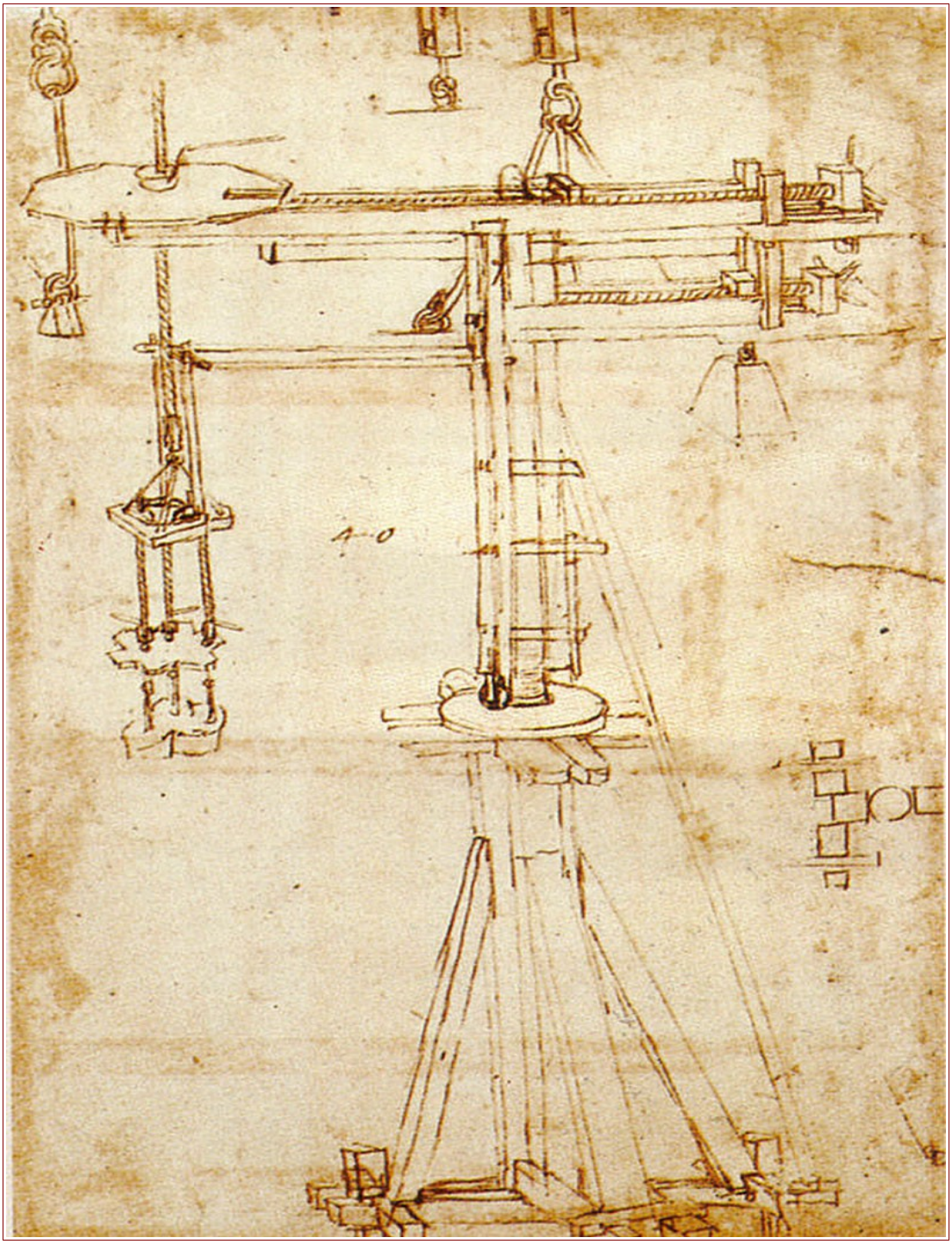
Studium nad Optyka
Optics and Perspective
Leonardo da Vinci



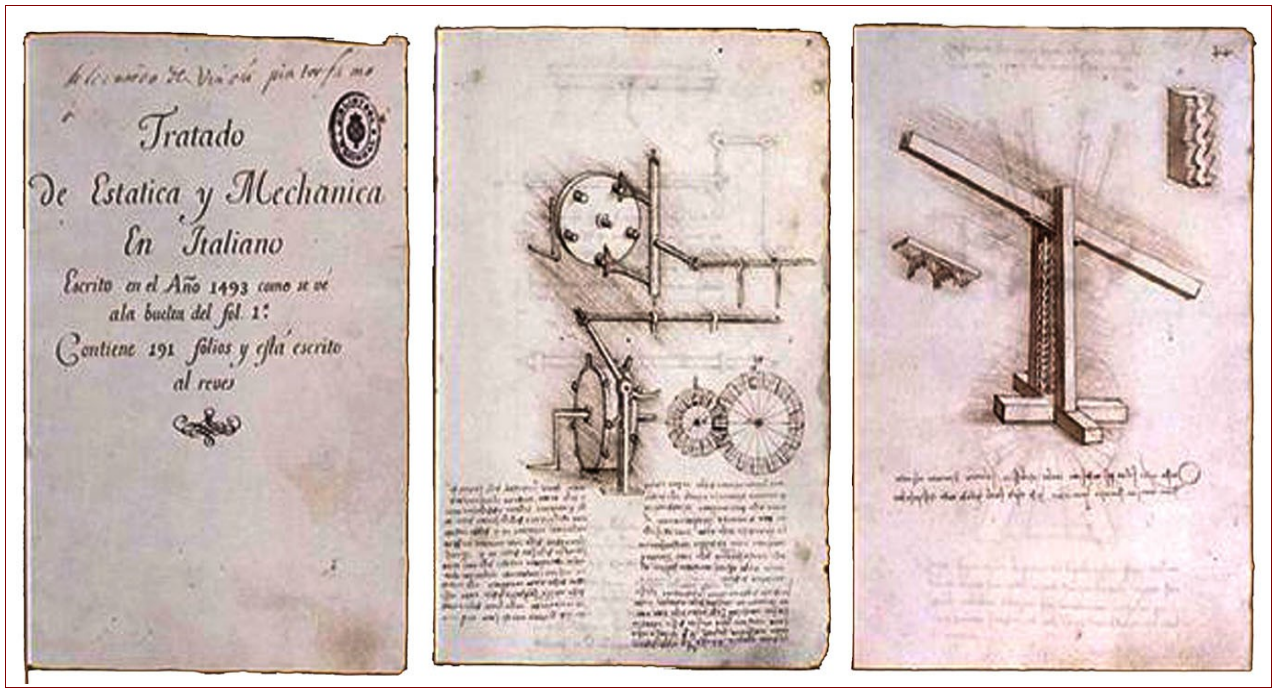
Studium Anatomiczne
Anatomical Study
Leonardo da Vinci



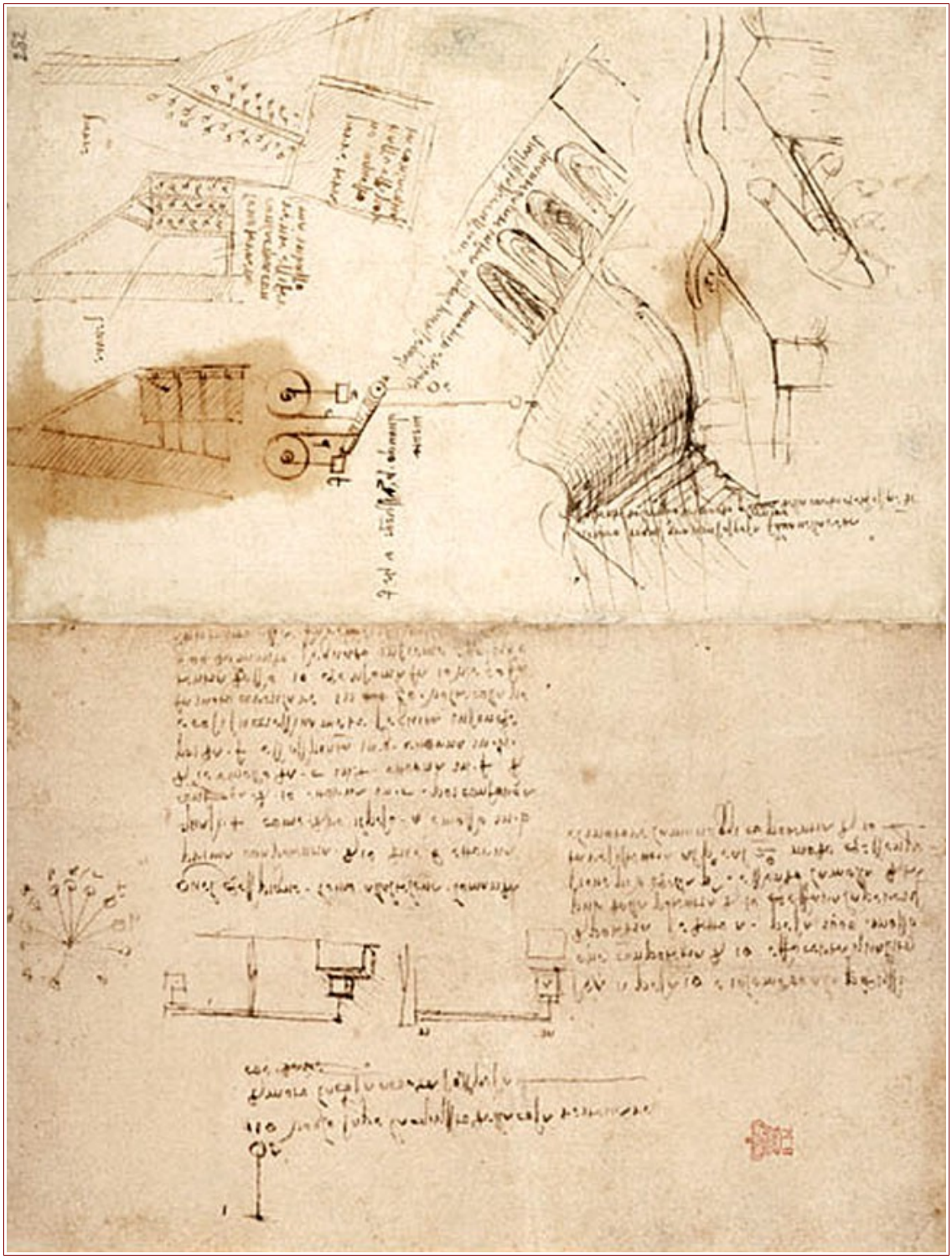
Szkic Techniczny
Technical Drawing
Codex Atlanticus



Codex Amnbrosiano
Leonardo da Vinci

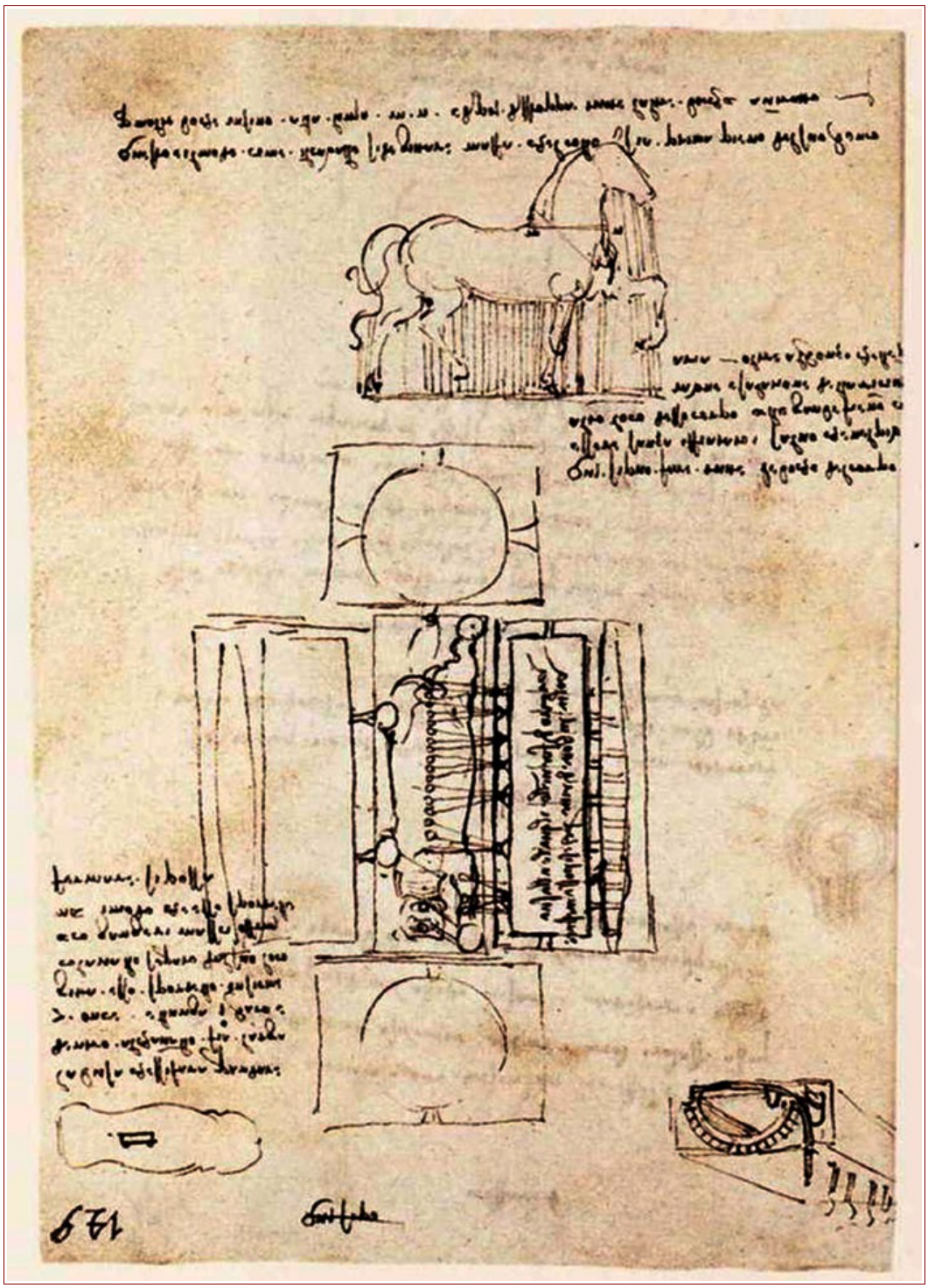


Leonardo da Vinci

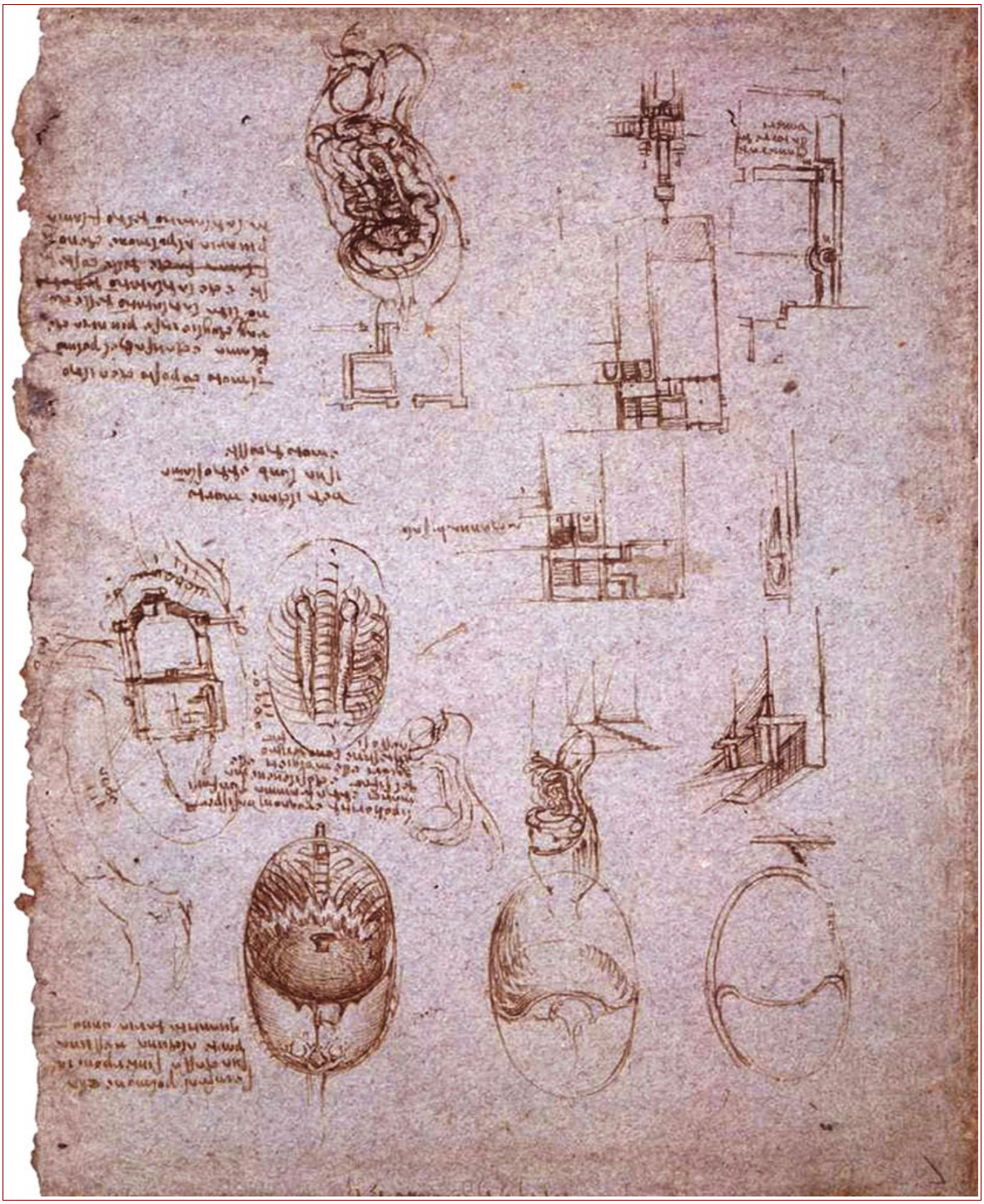


Codex Arundel
Leonardo da Vinci

Salai w Egzotycznym Stroju
Study of Salai in Exotic Outfit
Leonardo da Vinci

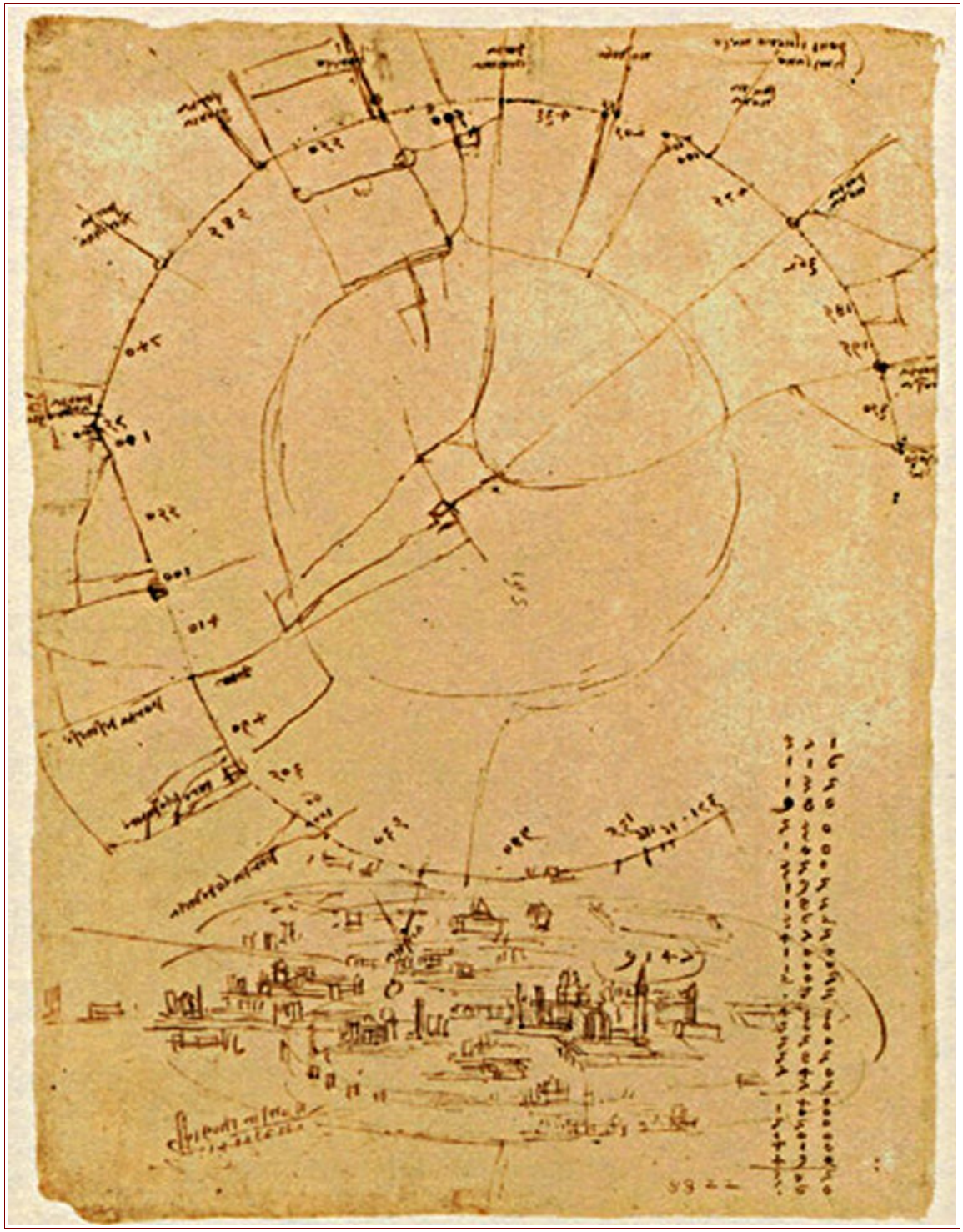


Pomnik Sforzy
Sforza Monument
Leonardo da Vinci

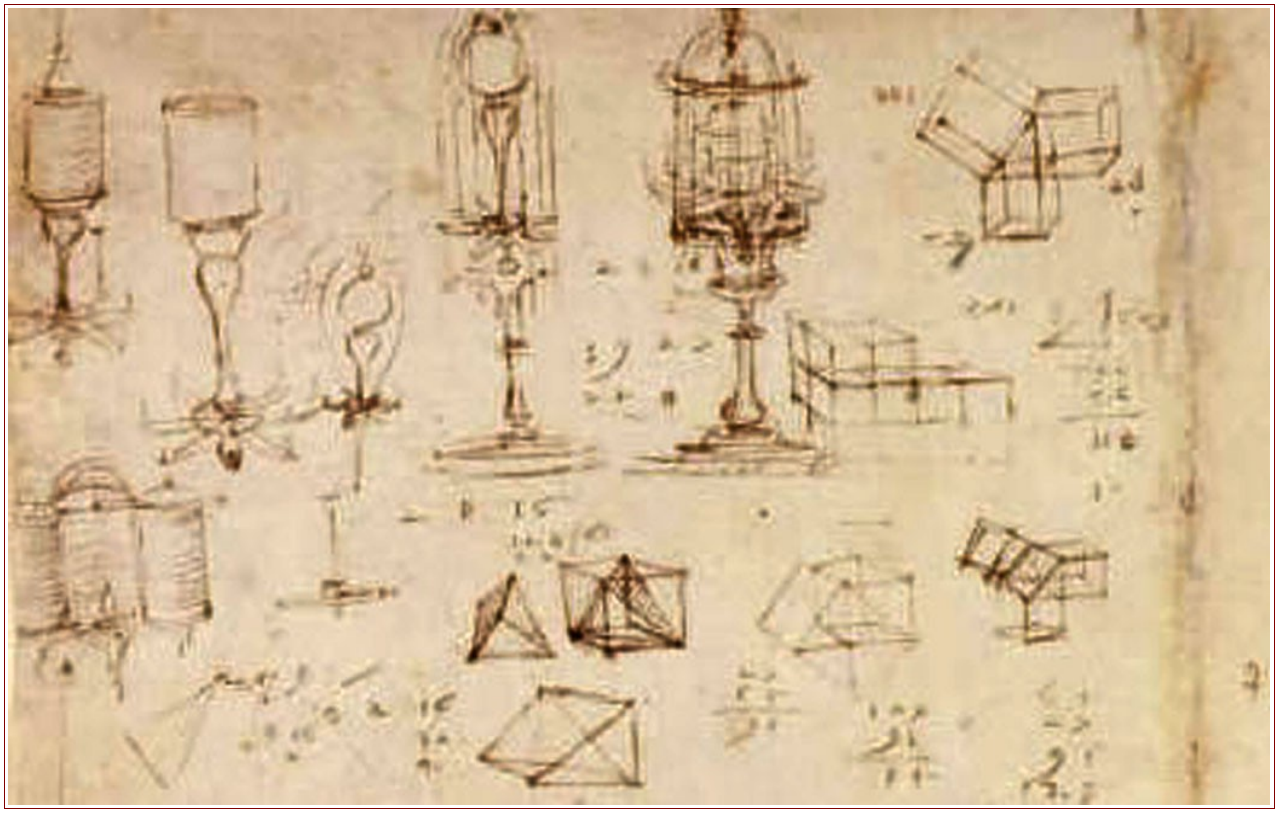


Leonardo da Vinci

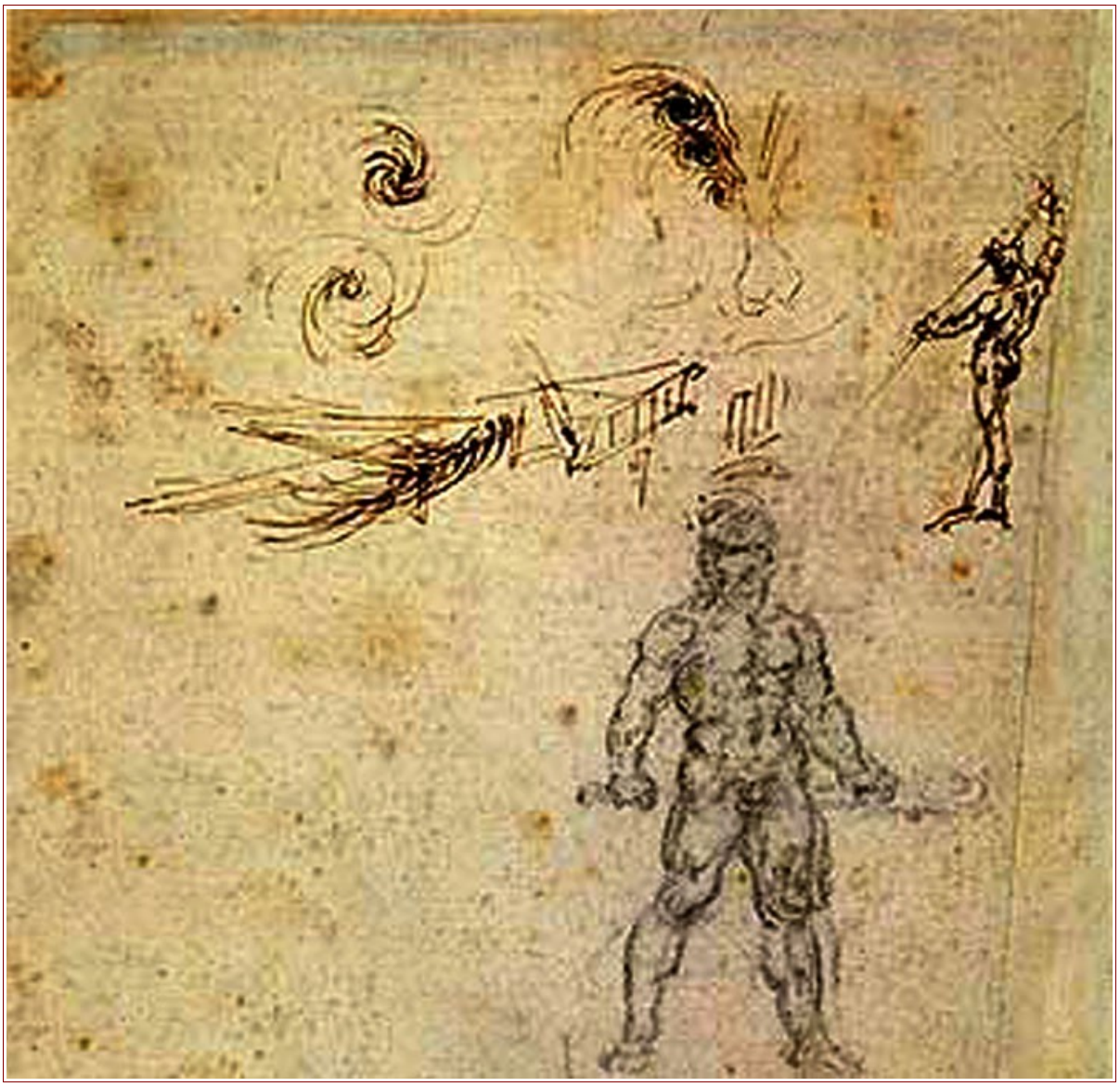
Leonardo da Vinci



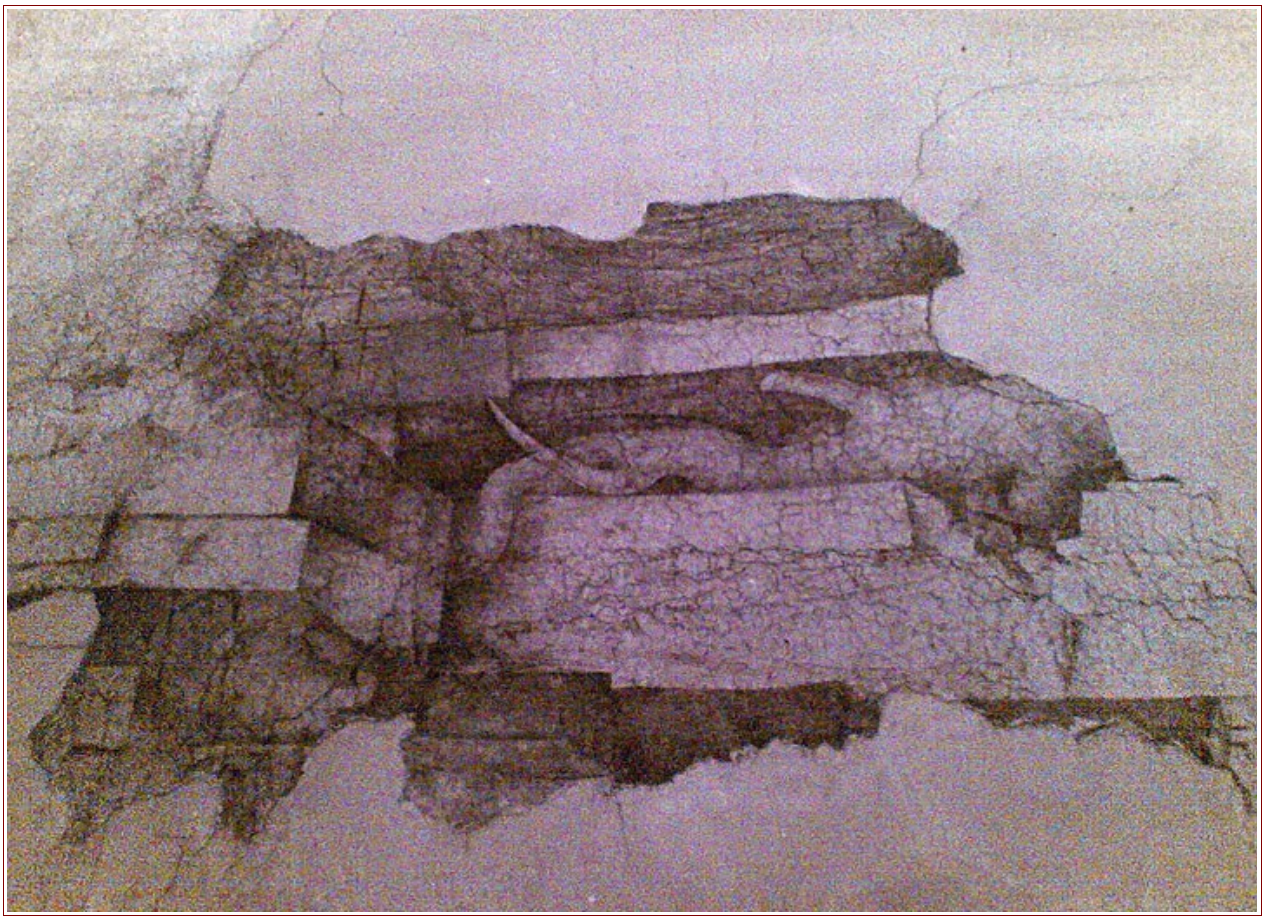
Mapa Mediolanu
Map of Milan
Leonardo da Vinci



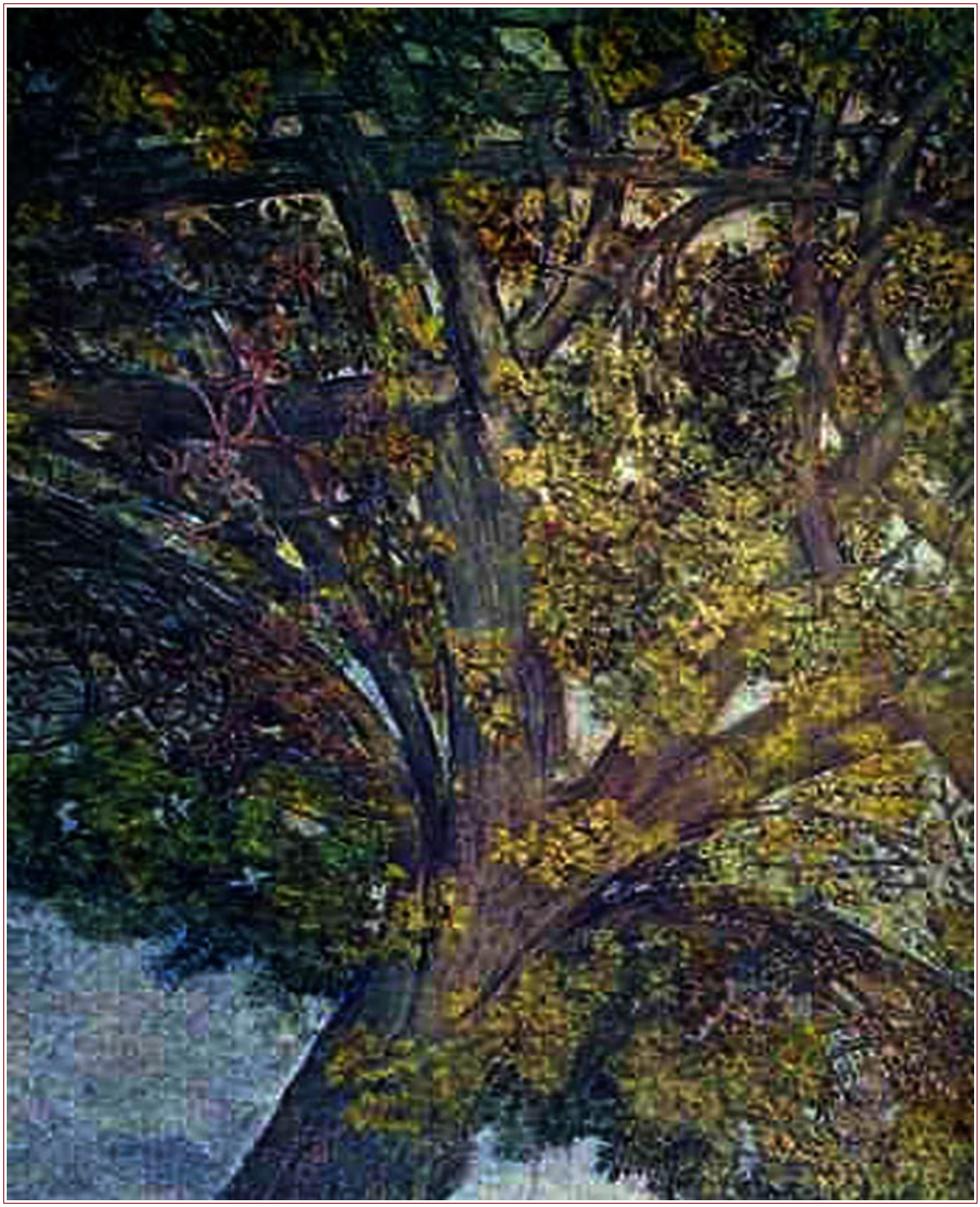
Leonardo da Vinci



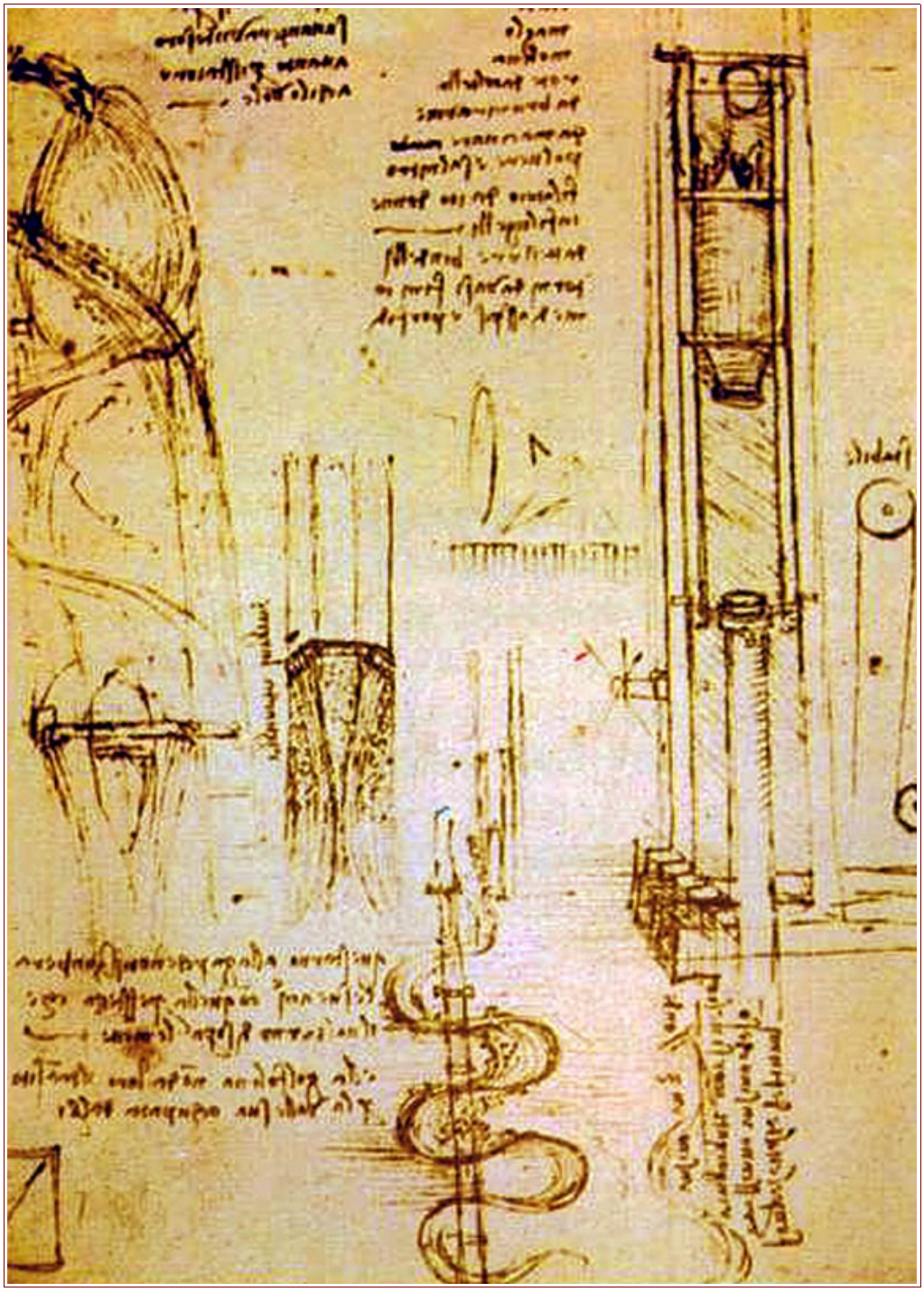
Leonardo da Vinci



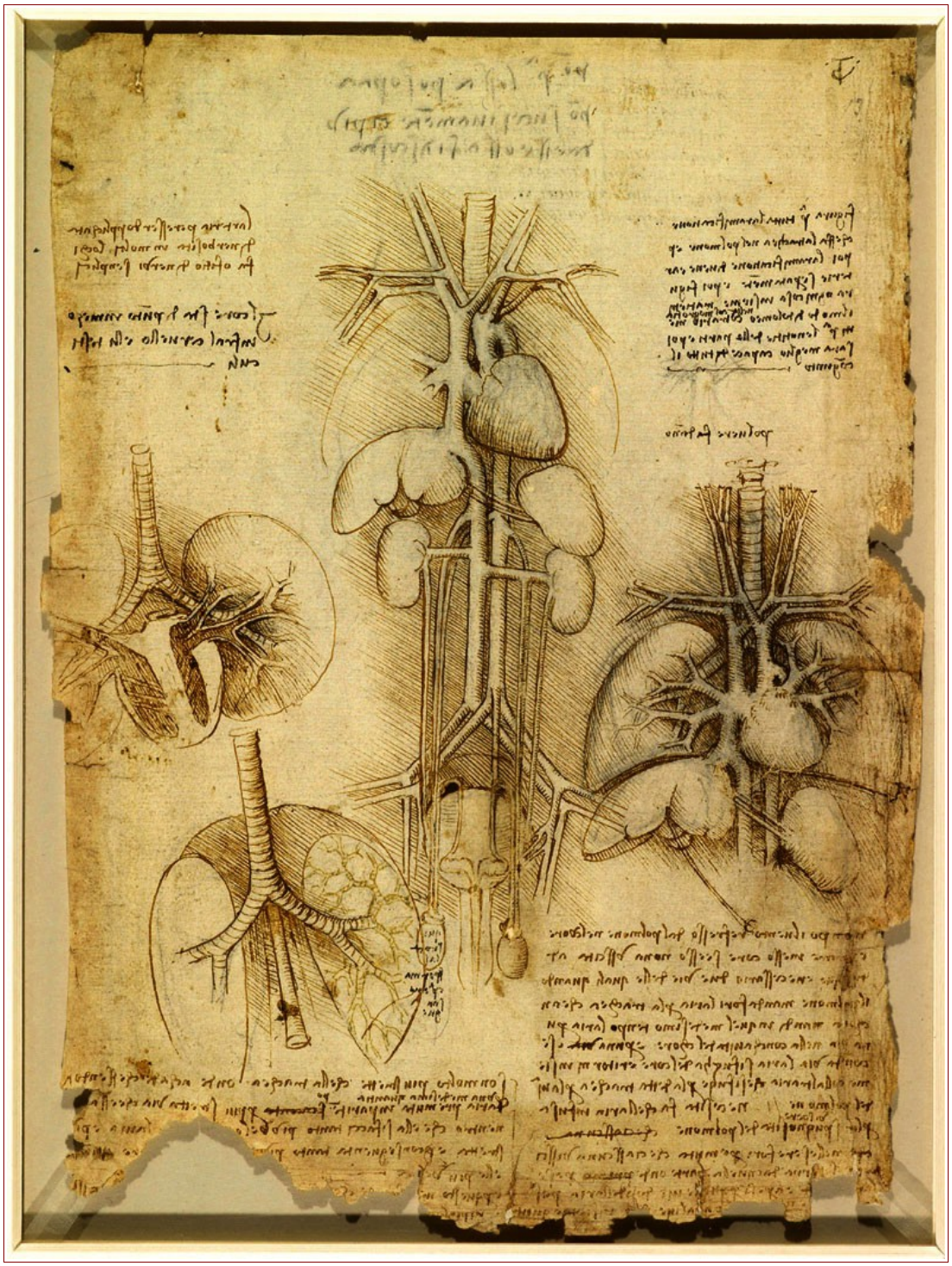
Korzenie Drzewa Zamek Medici
Tree Roots Lorenzo Medici Castle
Leonardo da Vinci



Medici Komnata
Medici Castle
Leonardo da Vinci



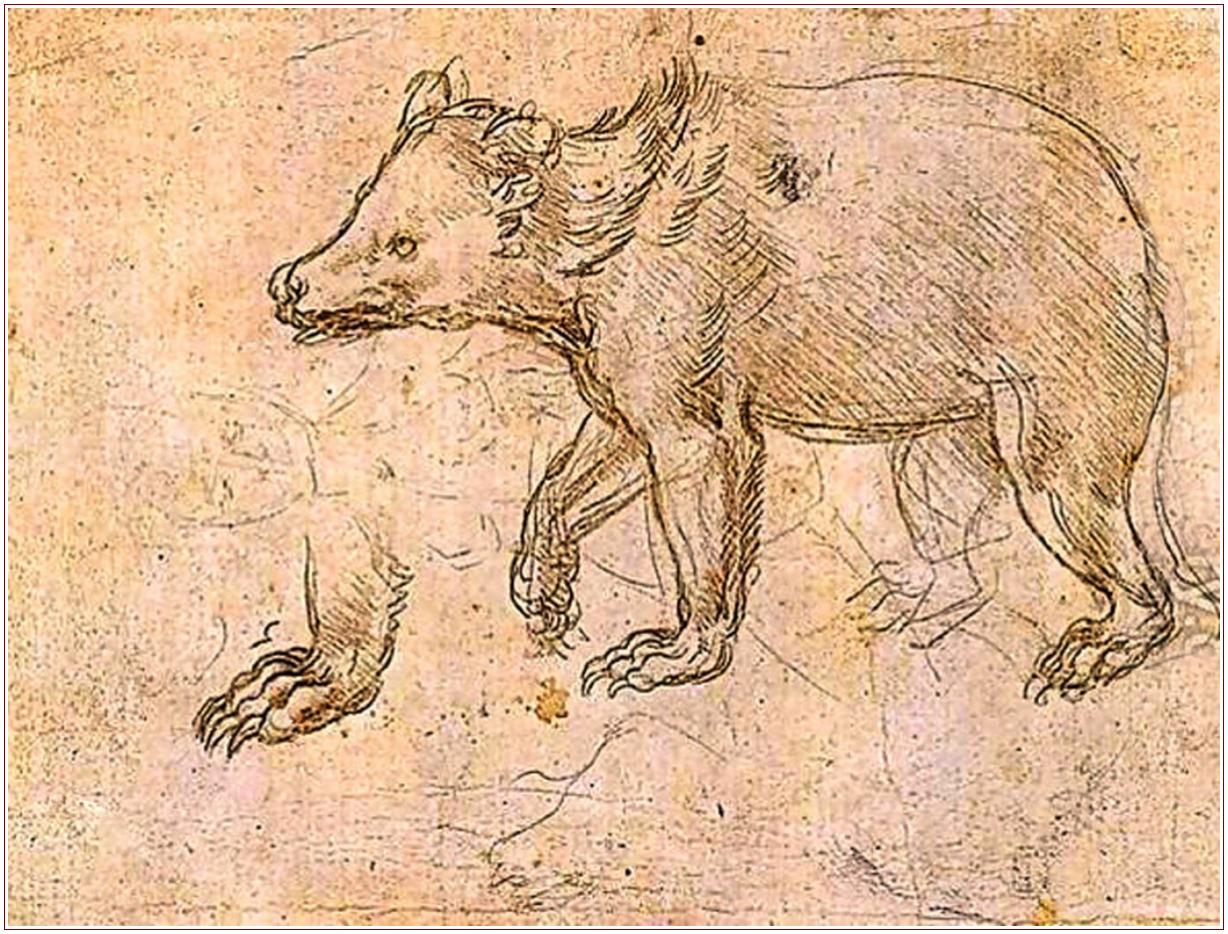
Leonardo da Vinci



Serce i Płuca
Heart and Lungs
Leonardo da Vinci

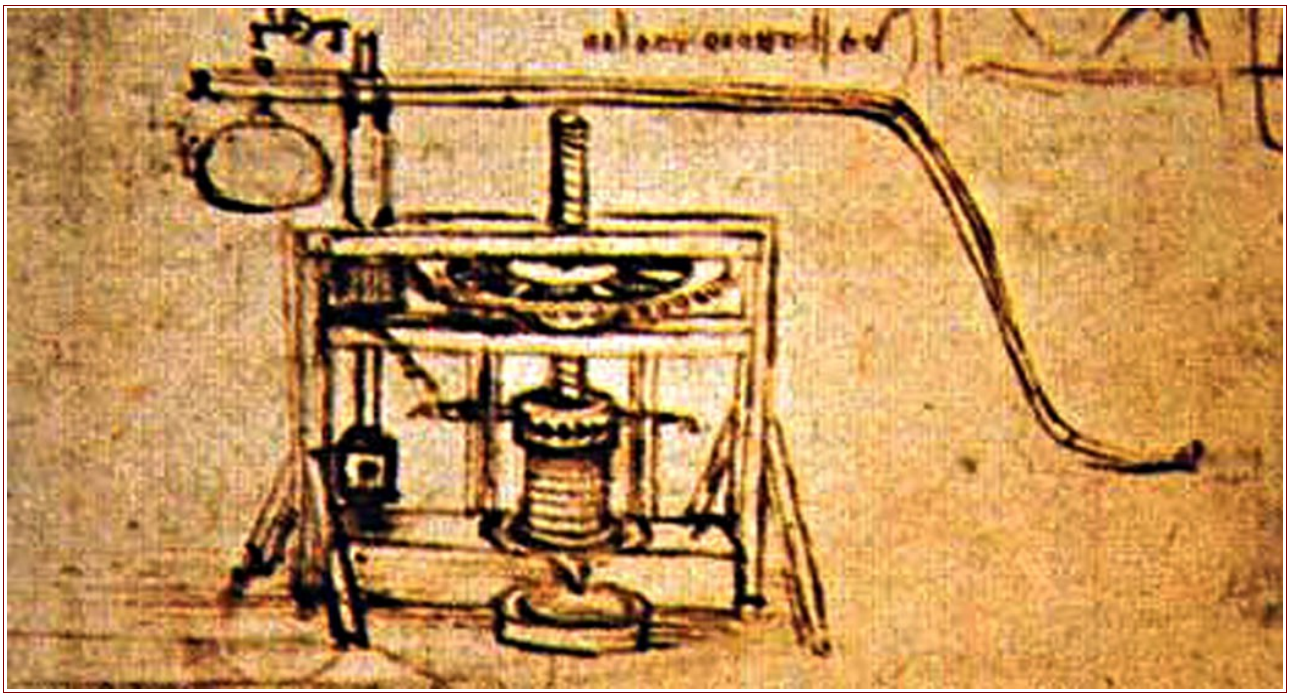
Uklad Pokarmowy
Digestive System
Leonardo da Vinci

Leonardo da Vinci

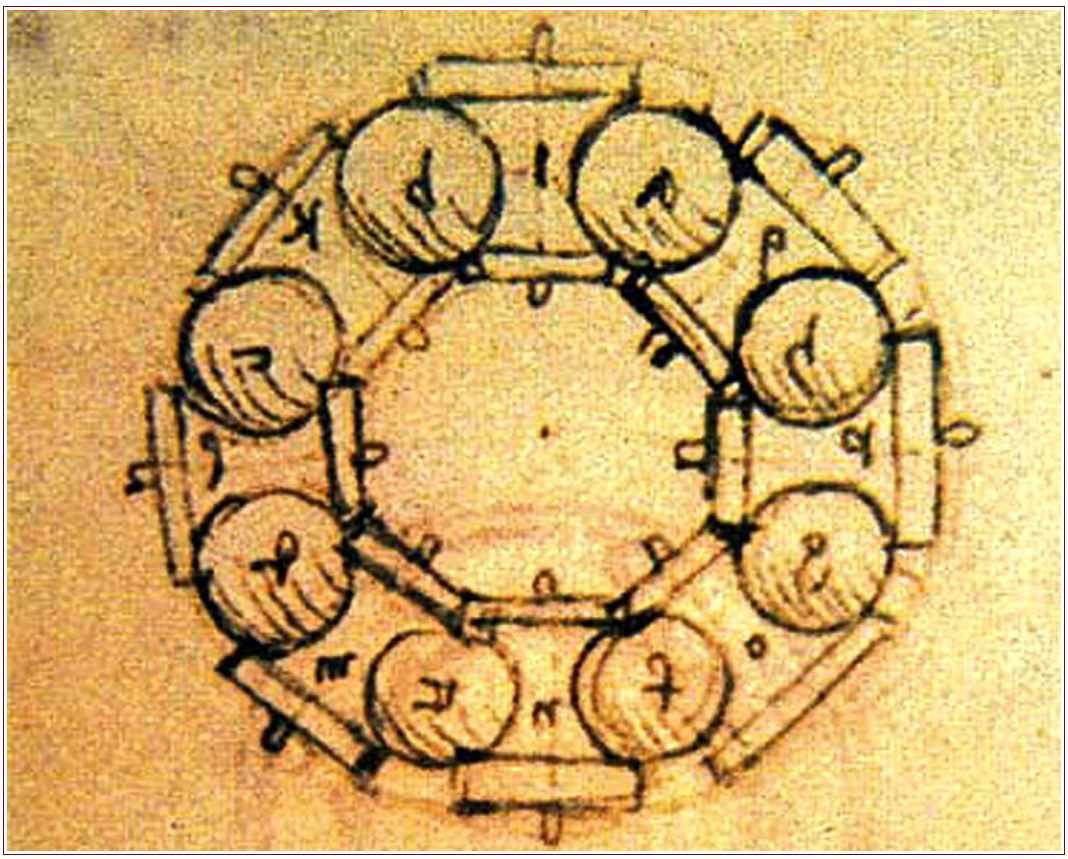


Leonardo da Vinci

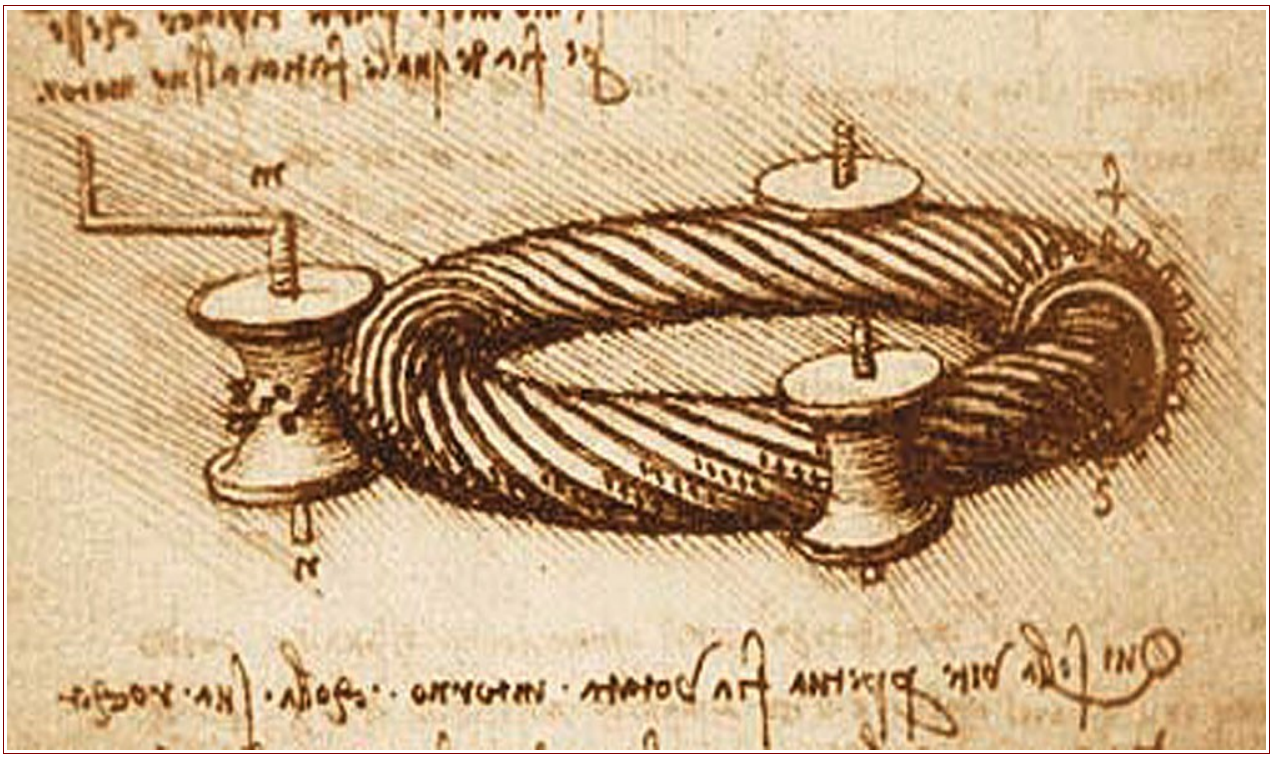
Leonardo da Vinci



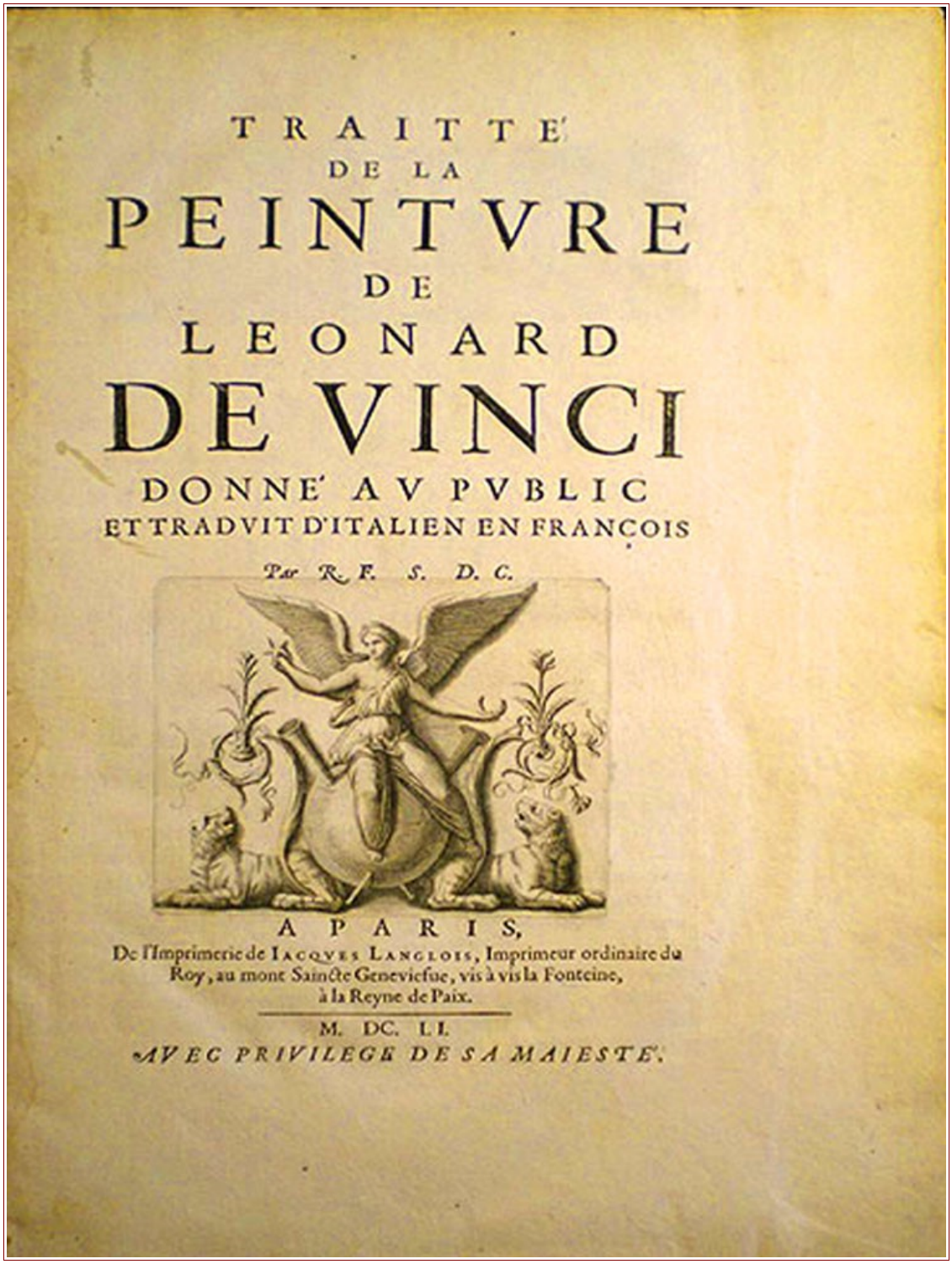
Prasa do Oliwy
Olive Press
Leonardo da Vinci



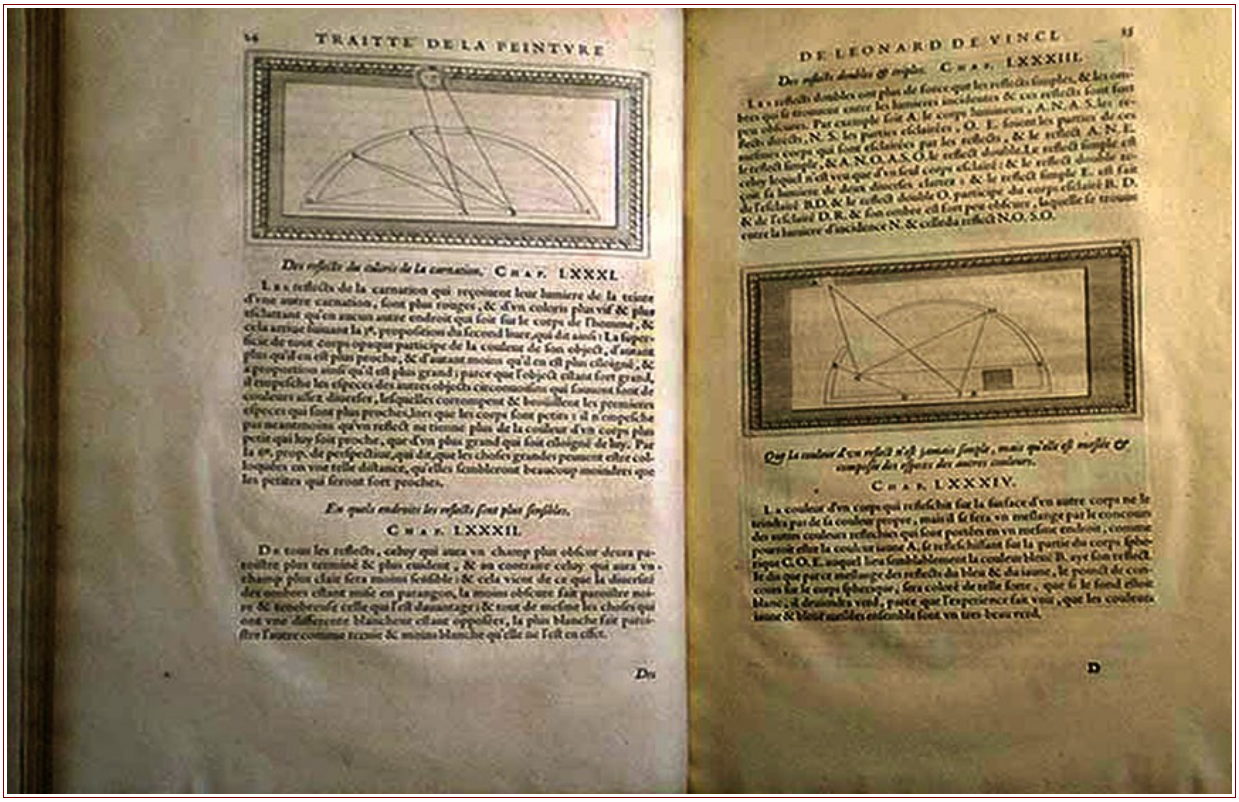
Leonardo da Vinci



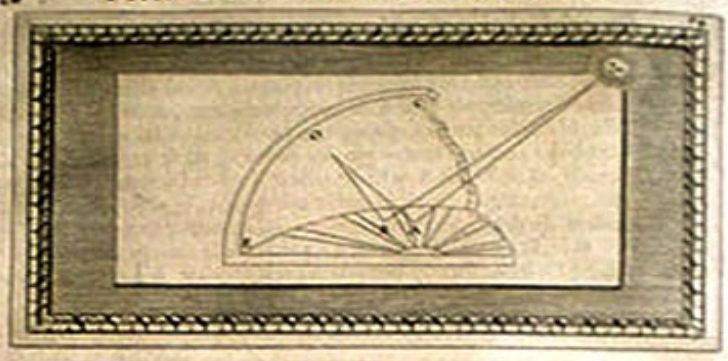
Leonardo da Vinci


TRAITTE'
DE LA
PEINTVRE
DE
LEONARD
DE VINCI
DONNE' AV PVBLIC
ET TRADVIT D'ITALIEN EN FRANÇOIS
Par R. F. S. D. C.
A PARIS,
De l'Imprimerie de IACQVES LANGLOIS, Imprimeur ordinaire du Roy, au mont Saincte Geneviefue, vis à vis la Fonteine, à la Reyne de Paix.
M. DC. LI.
AVEC PRIVILEGE DE SA MAIESTE'.

Traktat o Malarstwie
French Edition „Art of Painting”
Leonardo da Vinci



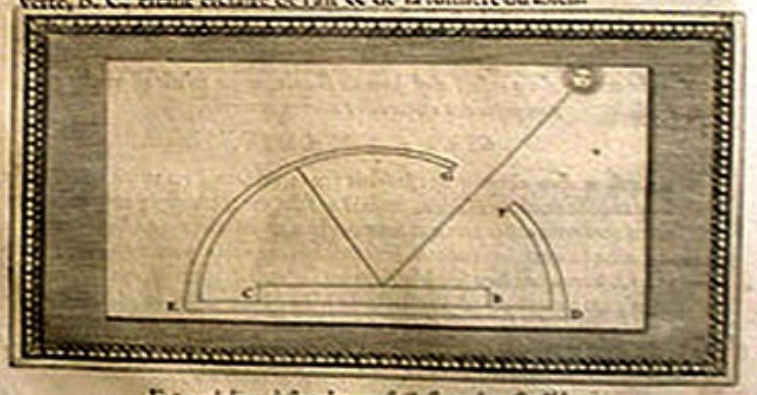
Optyka i Piramida Wzroku (publikacja Paryska)
The Piramid of Vision and Optics (publication in France)
Leonardo da Vinci



Pour quelle raiſon il arriue tres-rarement que les reflects ſoient de la couleur du corps ſur lequel ils ſe rencontrent.

CHAP. LXXXV.

IL arriue tres-rarement que les reflects ſoient de la meſme couleur que le corps duquel ils partent, ny meſme encore de celuy ſur lequel ils ſe conjoignent: par exemple ſoit le corps ſpherique D. F. G. E. de couleur iaune, & l'obiect qui luy reflefchiſt ſa couleur ſoit B. C. de couleur bleuë: ie dis que l'endroit du corps ſpherique lequel eſt frappé de ce reflect prendra vne teinte verte, B. C. eſtant eſclairé de l'air & de la lumiere du ſoleil.



En quel lieu c'eſt qu'vn reflect ſera plus ſenſible.

CHAP. LXXXVI.

ENTRE les reflects de meſme figure, de meſme eſtenduë & de meſme

Optyka i Piramida Wzroku (publikacja Paryska)
The Piramid of Vision and Optics (publication in France)
Leonardo da Vinci

96 TRAITTÉ DE LA PEINTVRE

mente de ce bras a cheminé par toutes les parties de ce cercle, & ce cercle estant diuisible à l'infiny, les mouuements des espaules sont par consequent infinis.

Des mesures vniuerselles des corps. CHAP. CLXXIII.

IL dit que les mesures vniuerselles des corps doiuent s'obseruer dans les longueurs des figures seulement & non aux largeurs, parce que c'est vne chose loüable & merueilleuse dans la nature, que de toutes les productions qu'elle a veu aucune de quelque espece que ce soit, laquelle considerée en particulier, soit precisément semblable à vne autre ; c'est pourquoy vous qui estes imitateur de cette nature, prenez garde & considerez la varieté de ces contours, neantmoins ie vous dis bien d'auantage que vous euitiez les choses qui paroissent monstrueuses, comme des jambes trop longues, des corps trop courts, des poitrines enfoncées, & des bras longs : obseruez donc les mediocrités des peintures, & les gracieuses dans lesquelles la nature se plaist à diuersifier, pour faire de mesme à son exemple.

Des mesures du corps humain & des plis des membres.
CHAP. CLXXIV.

LA neccessité oblige le peintre d'auoir connoissance de l'ossature du corps, laquelle sert de soustien & d'armement à la chair dont elle est couuerte, & des jointures qui font que les membres croissent & diminuent dans leurs flexions : d'où vient que la mesure du bras estendu ne se trouue pas égale à celle

du mesme bras ployé, car il croist ou il décroist par la différence de la plus grande flexion, d'vne boucle de sa longueur : l'accroissement & décroissement du bras par l'effort de l'os qui sert de son emboiture est manifeste par les moyens apparents en cette figure A. B. son accroissement se fait dans la partie qui vient de l'espaule au coude, l'angle du coude estant plus aigu qu'vn angle droit, & l'accroissement s'augmente à mesure que cet angle se diminuë, comme aussi croist la longueur se diminuë selon que l'angle fait de dedans plus ouuert : l'espace d'entre l'espaule & le coude s'accroist d'autant

Anatomia (publikacja Paryska)
Anatomy (French publication)
Leonardo da Vinci

Leonardo da Vinci

Sw. Anna
St Ann
Leonardo da Vinci

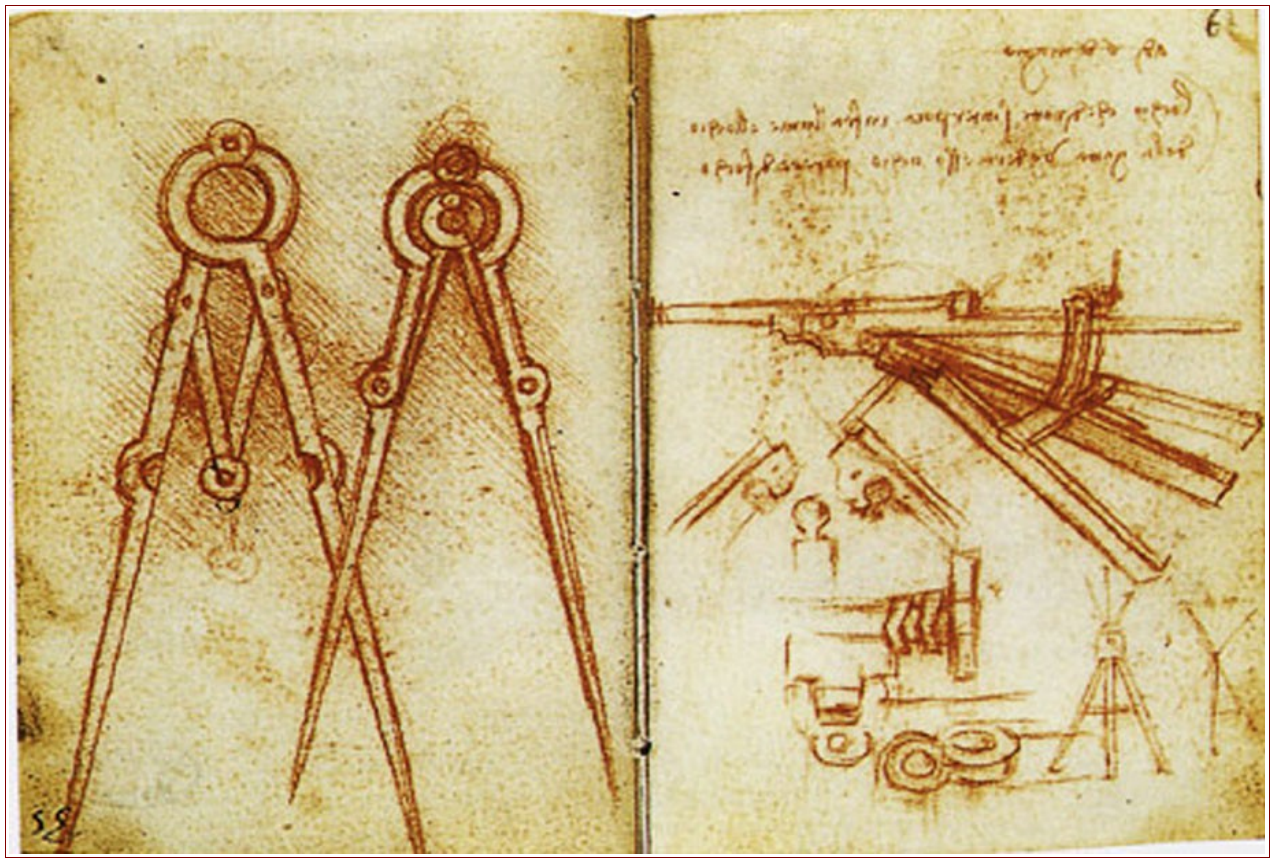
Cecilia Gallerani (detail)
Leonardo da Vinci

Studium Dziecka
Study of the Child
Leonardo da Vinci

Leonardo da Vinci (?)

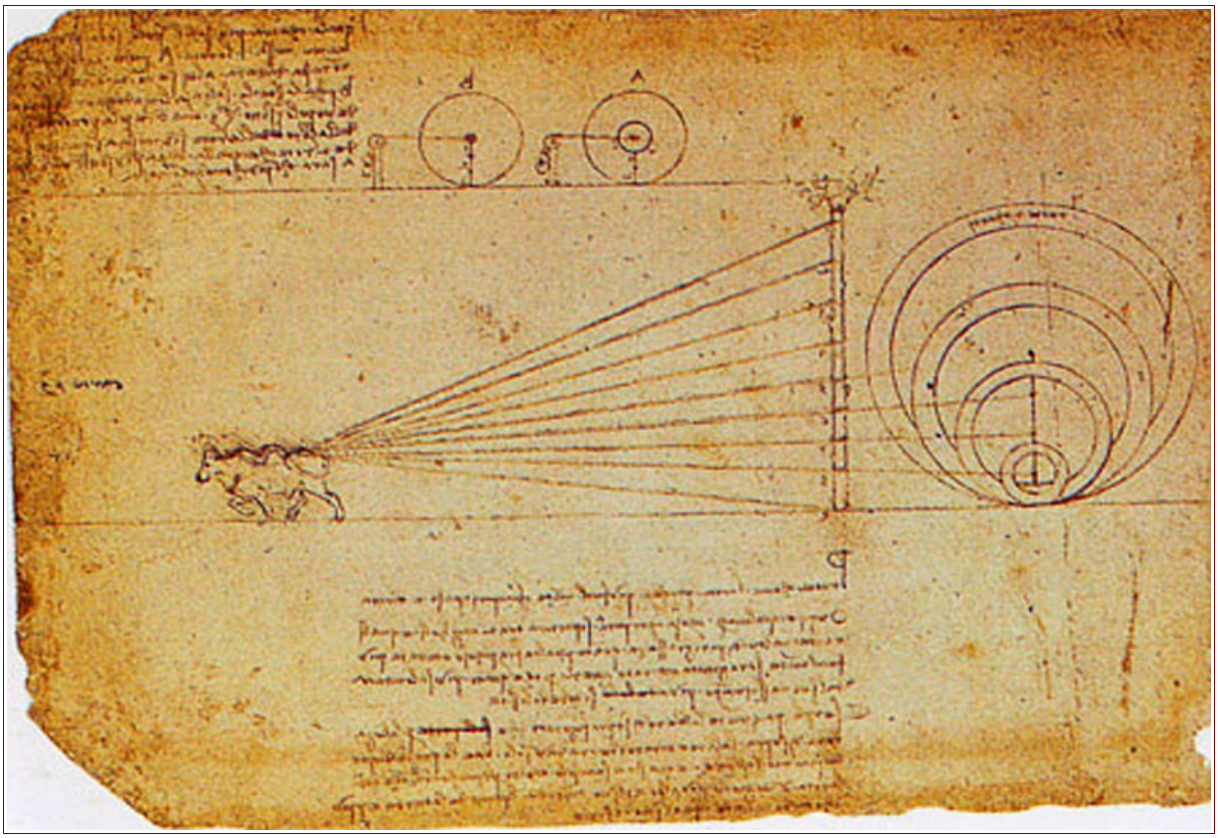
Leonardo da Vinci

Leonardo da Vinci

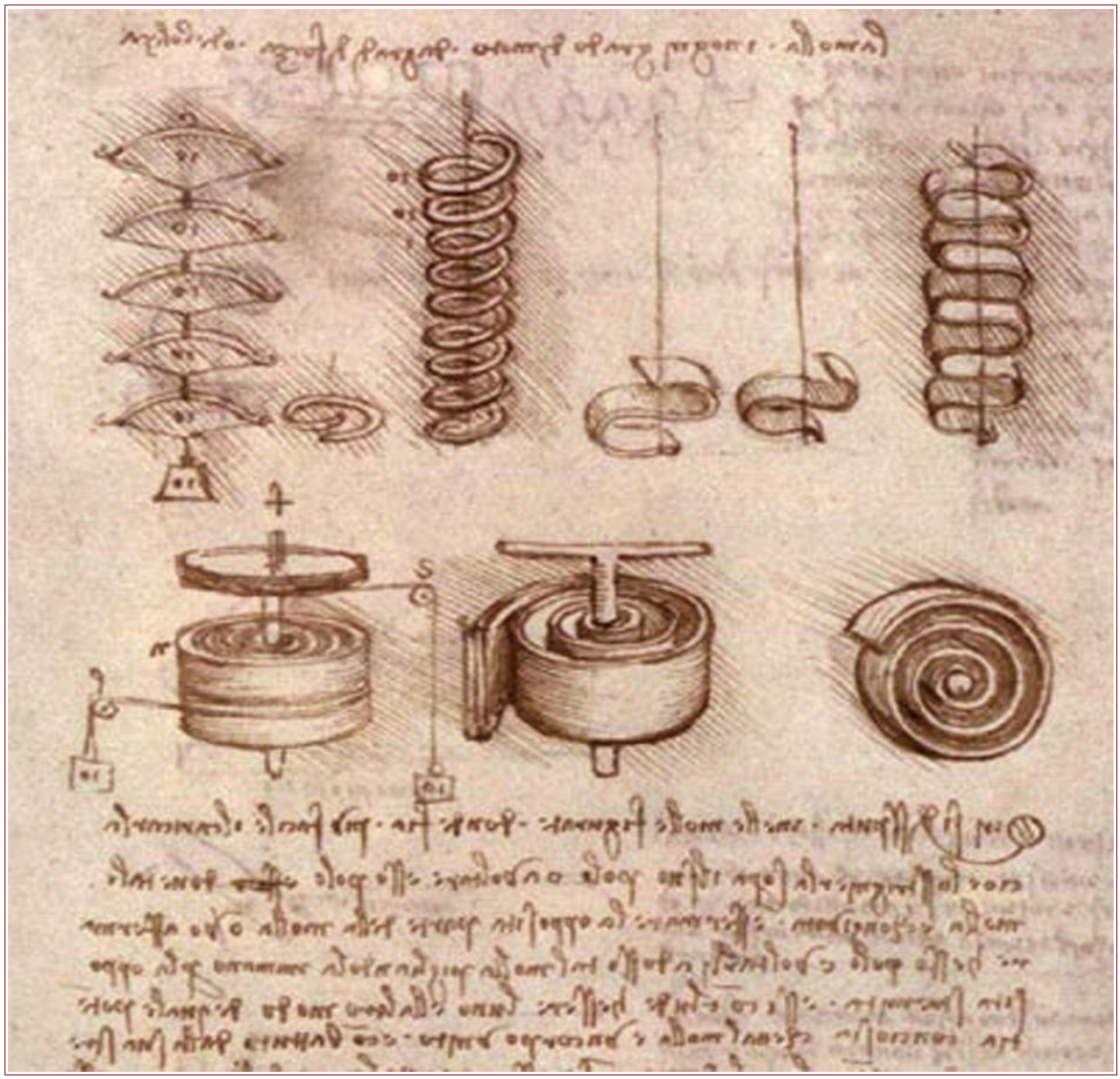


Leonardo da Vinci

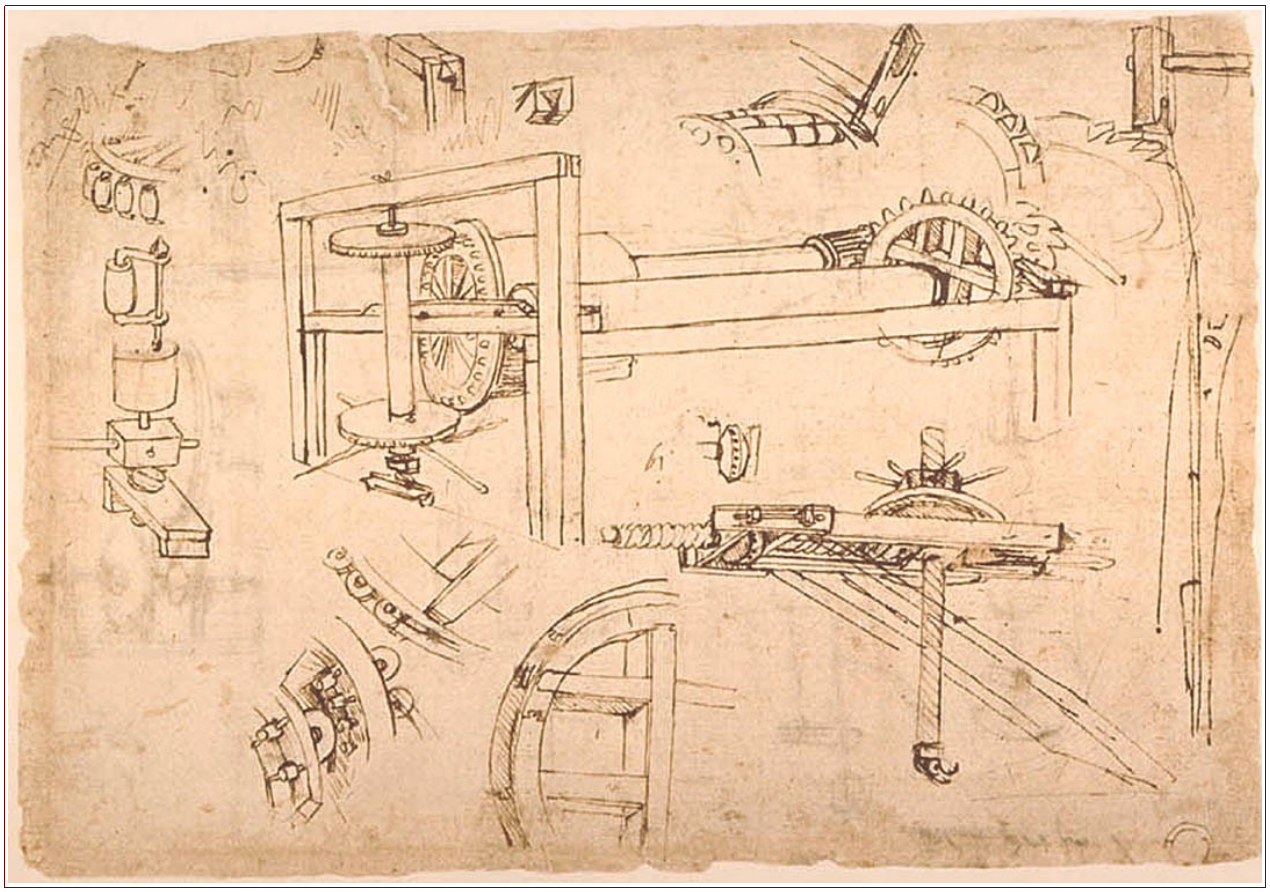
Leonardo da Vinci



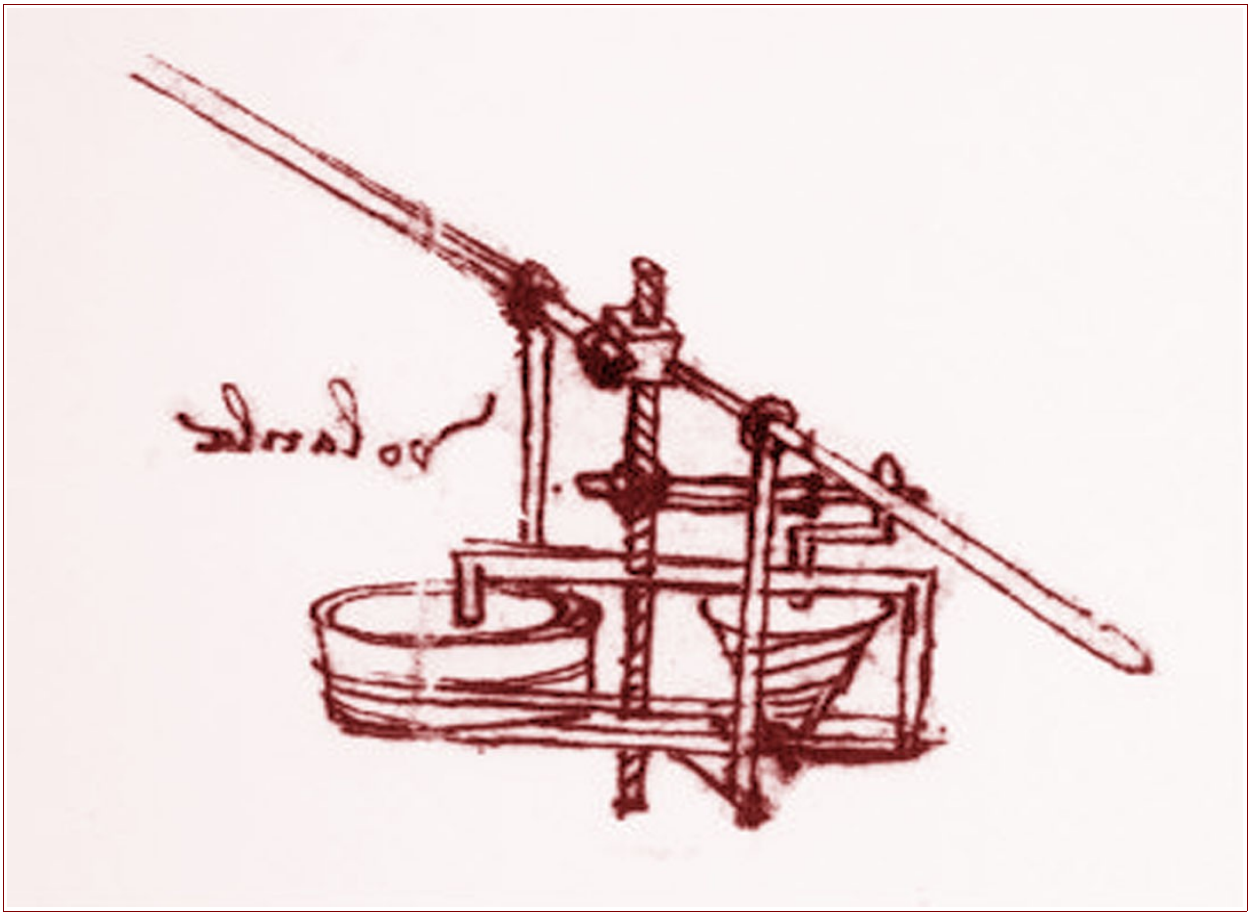
Leonardo da Vinci



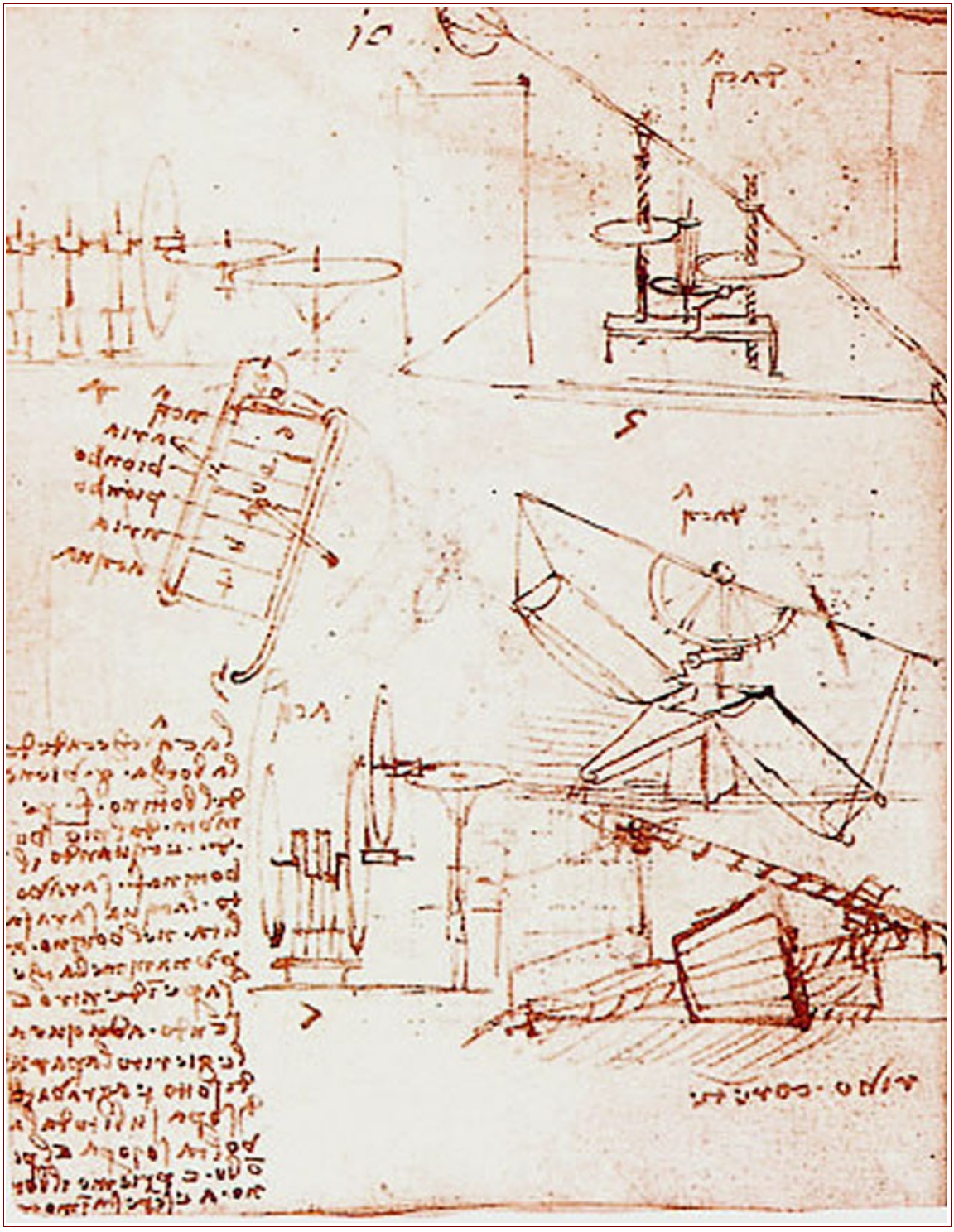
Lleonardo da Vinci



Leonardo da Vinci

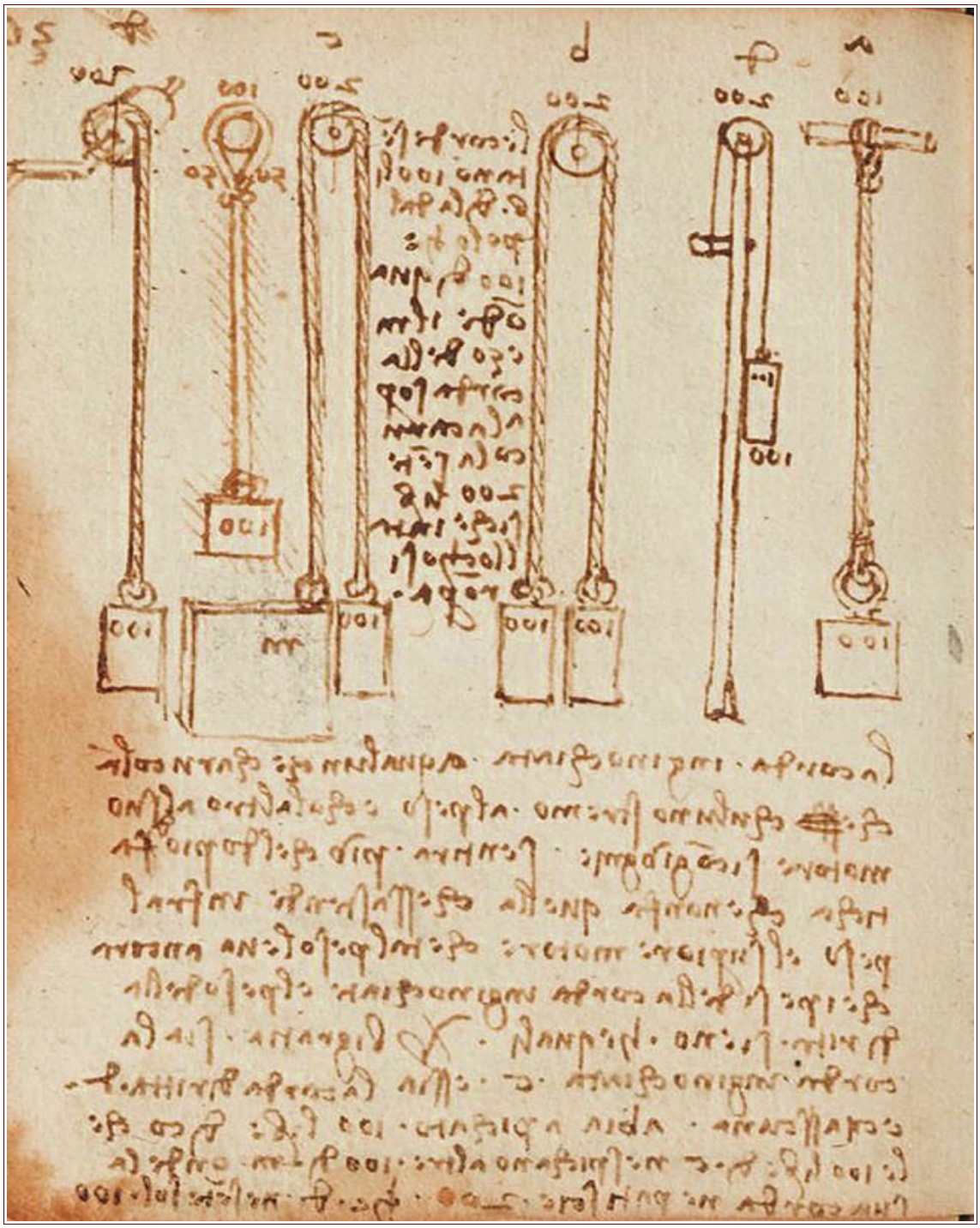


Pompa Codex Forster
The Hydraulic Pump Codex Forster
Leonardo da Vinci

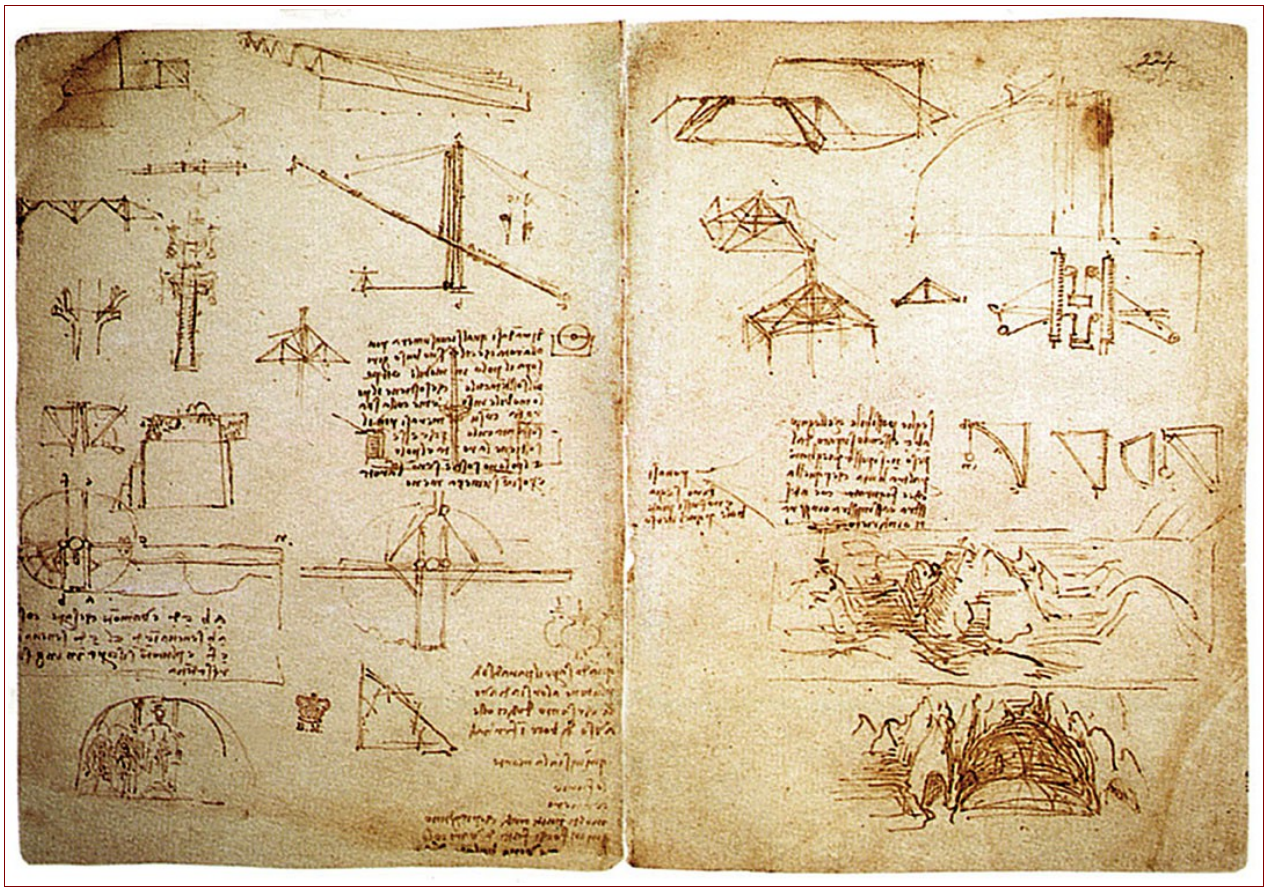


Pompy Hydrauliczne
Hydraulic Pomps
Codex Firster
Leonardo da Vinci

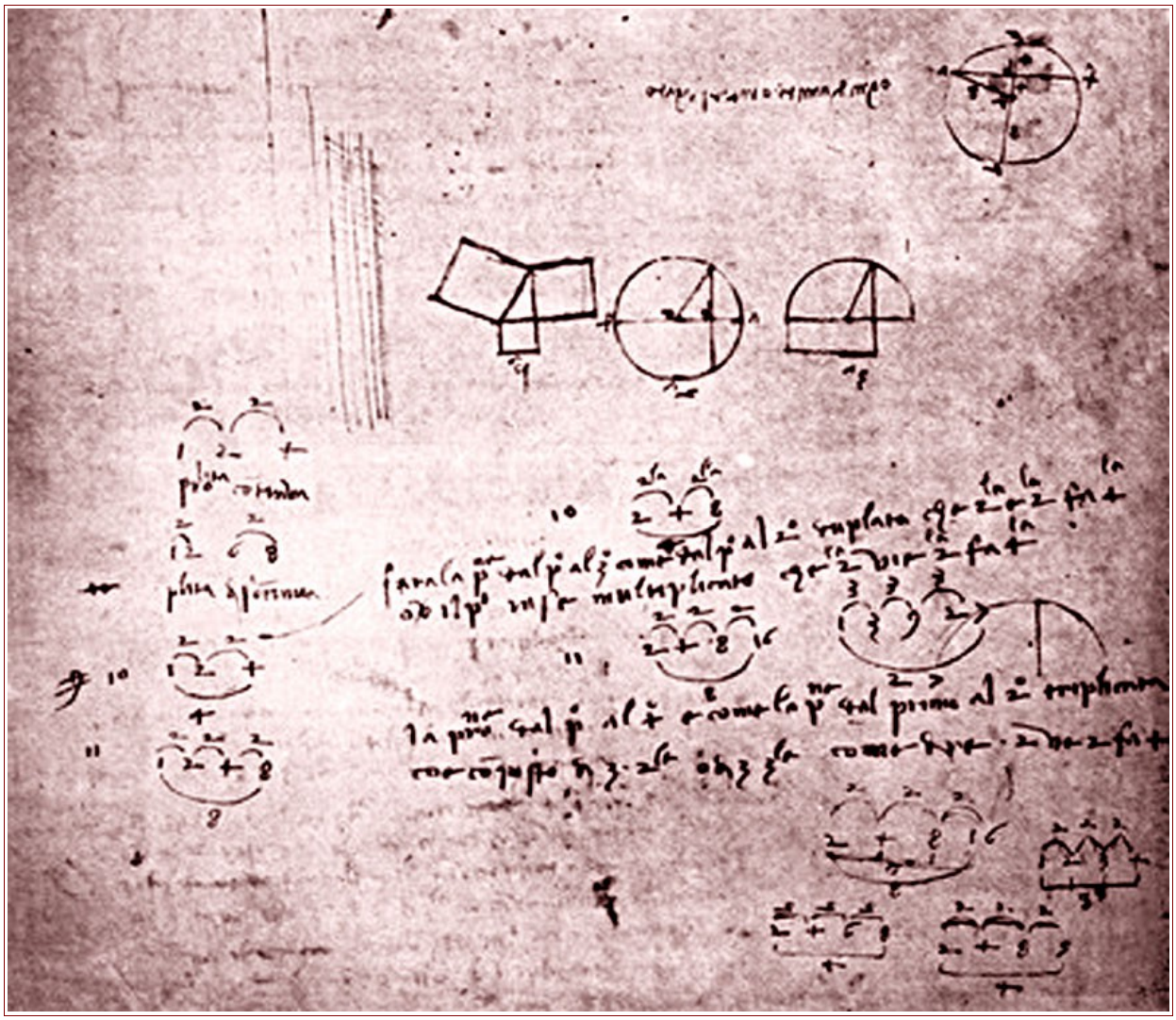
Codex Forster
Leonardo da Vinci



Codex Forster
Leonardo da Vinci



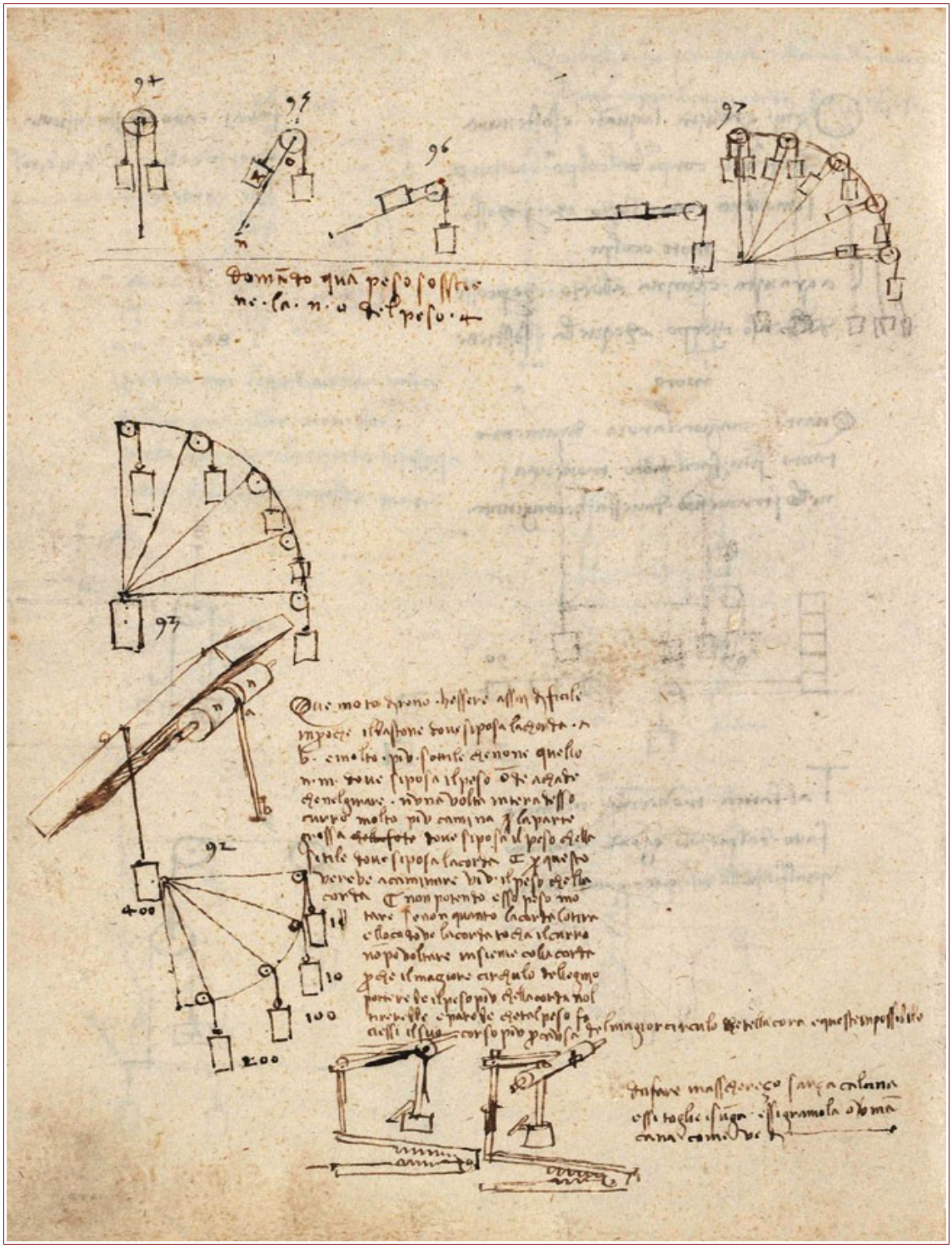
Leonardo da Vinci



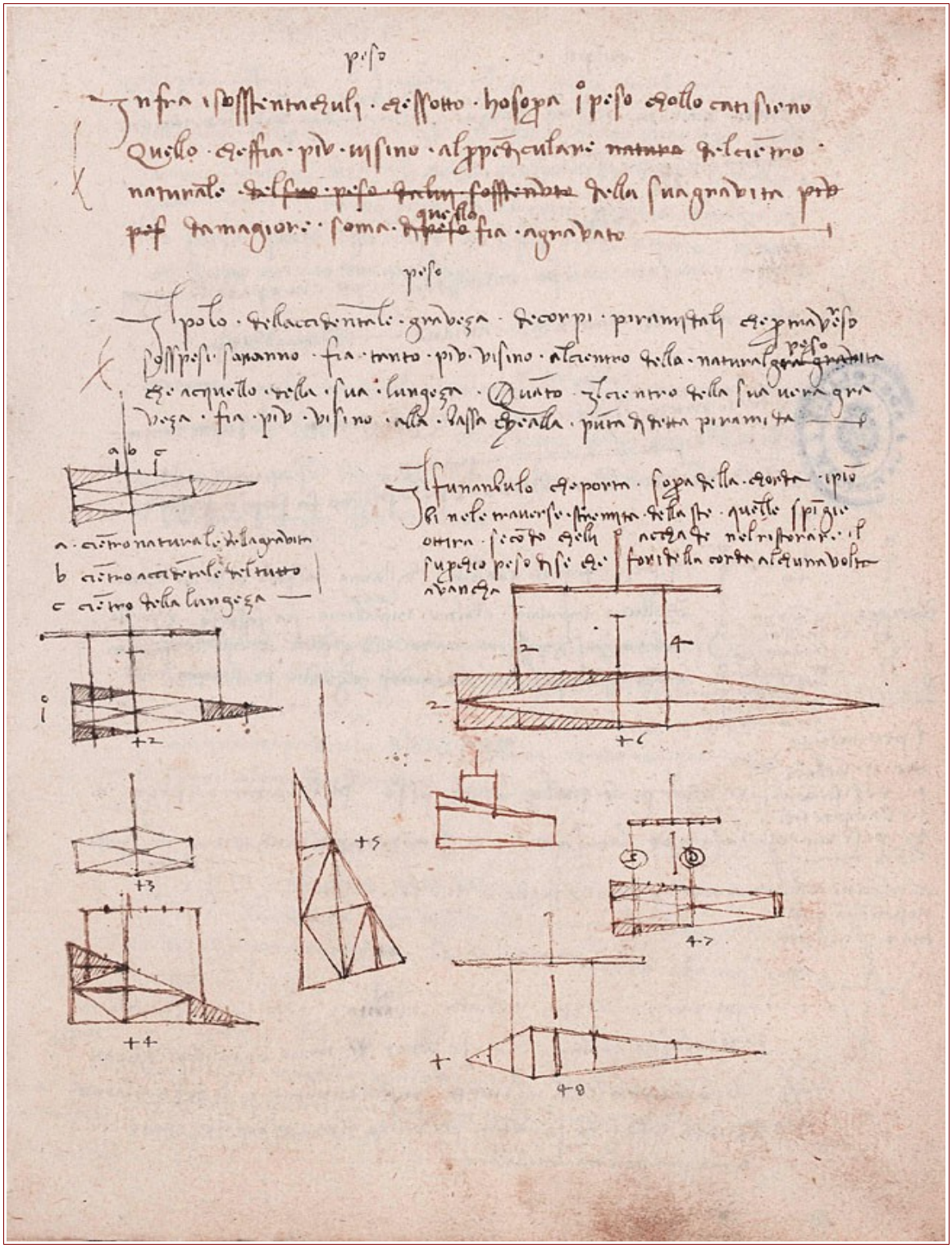
Leonardo da Vinci

Leonardo da Vinci

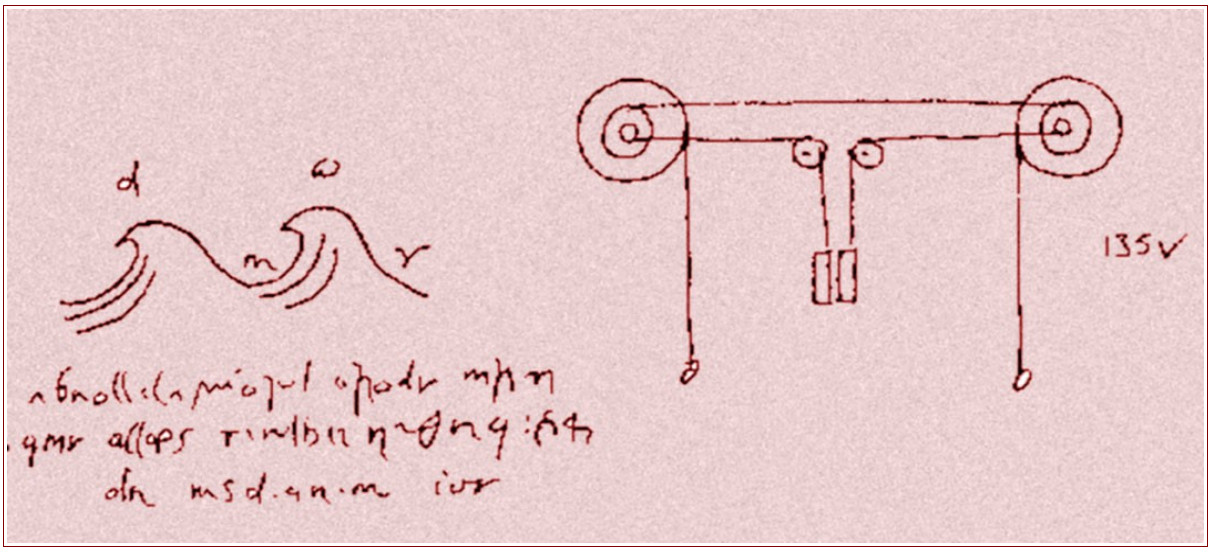
Leonardo da Vinci



Codex Madrid
Leonardo da Vinci



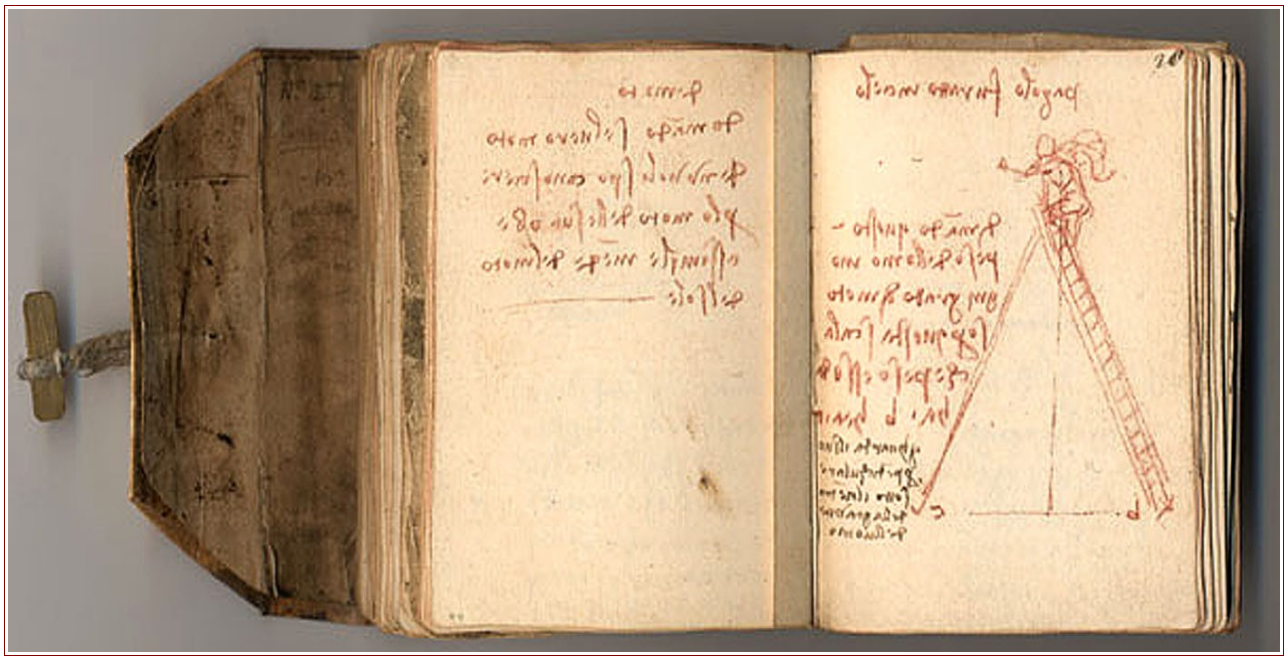
Codex Madrid
Leonardo da Vinci



Codex Arundel
Leonardo da Vinci

Codex Forster
Leonardo da Vinci

Notatniki Codex Forster
Codex Forster Notebooks
Leonardo da Vinci

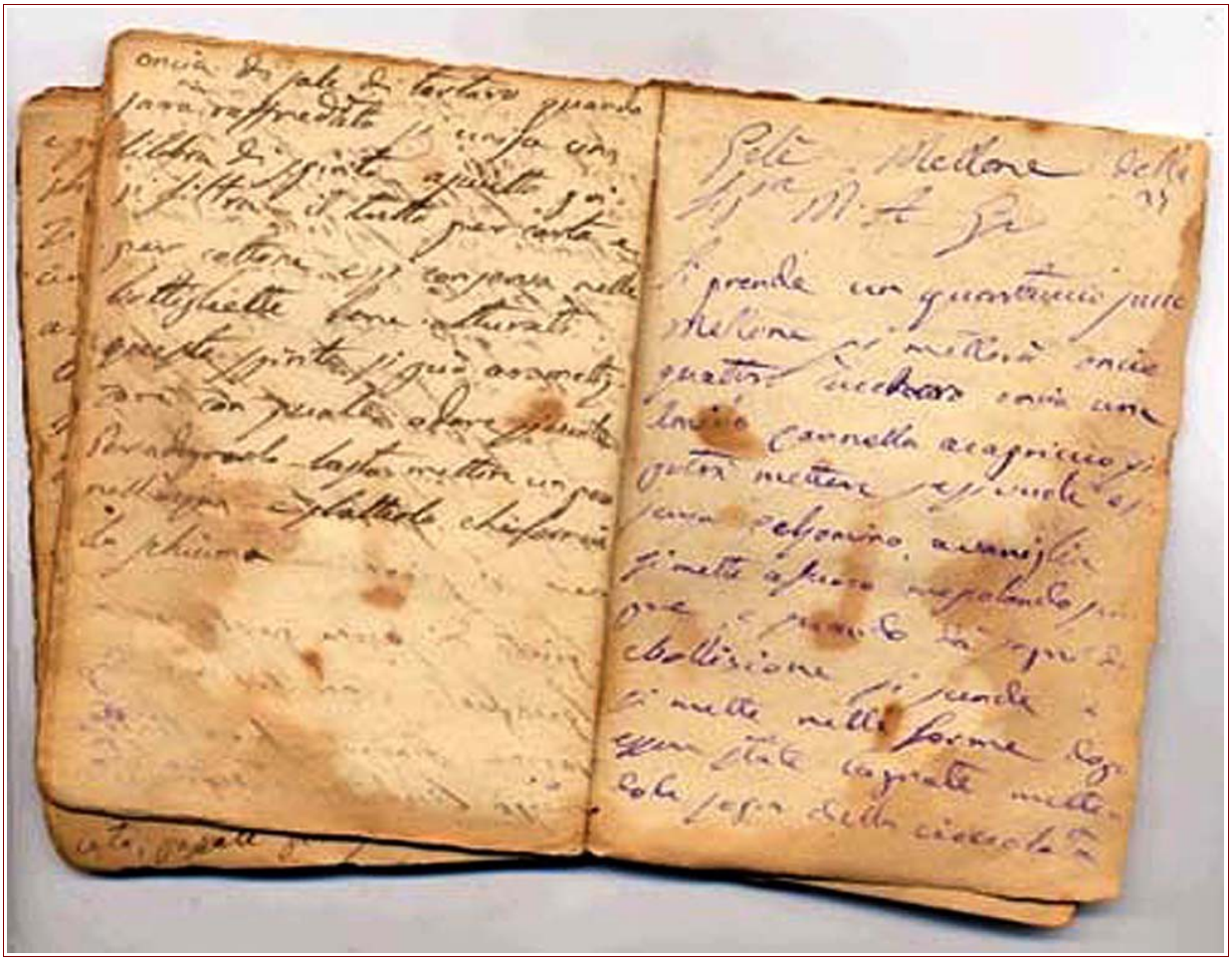


Codex Forster
Leonardo da Vinci

Codex Forster
Leonardo da Vinci

Leonardo da Vinci Notebook

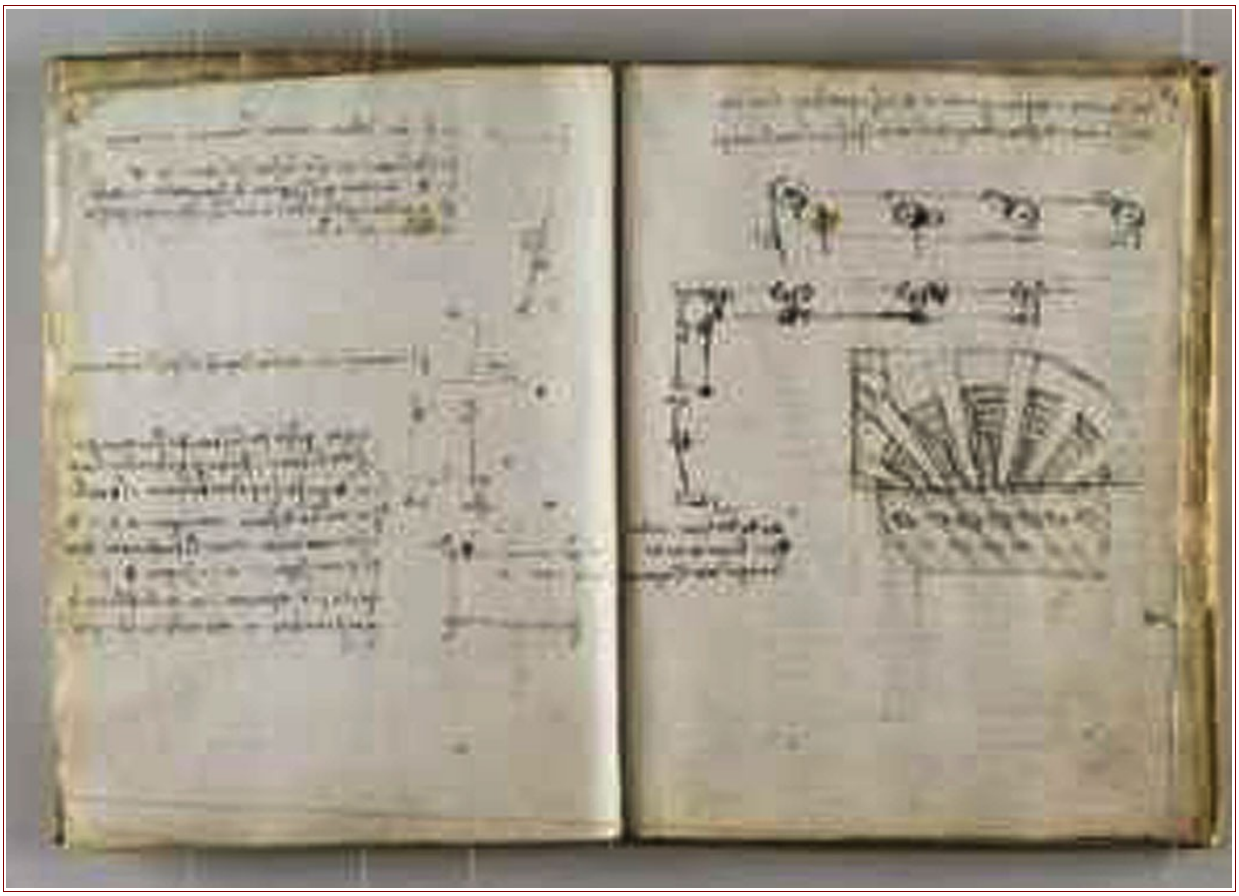
Codex Leicaster
Leonardo da Vinci



Codex Forster
Leonardo da Vinci

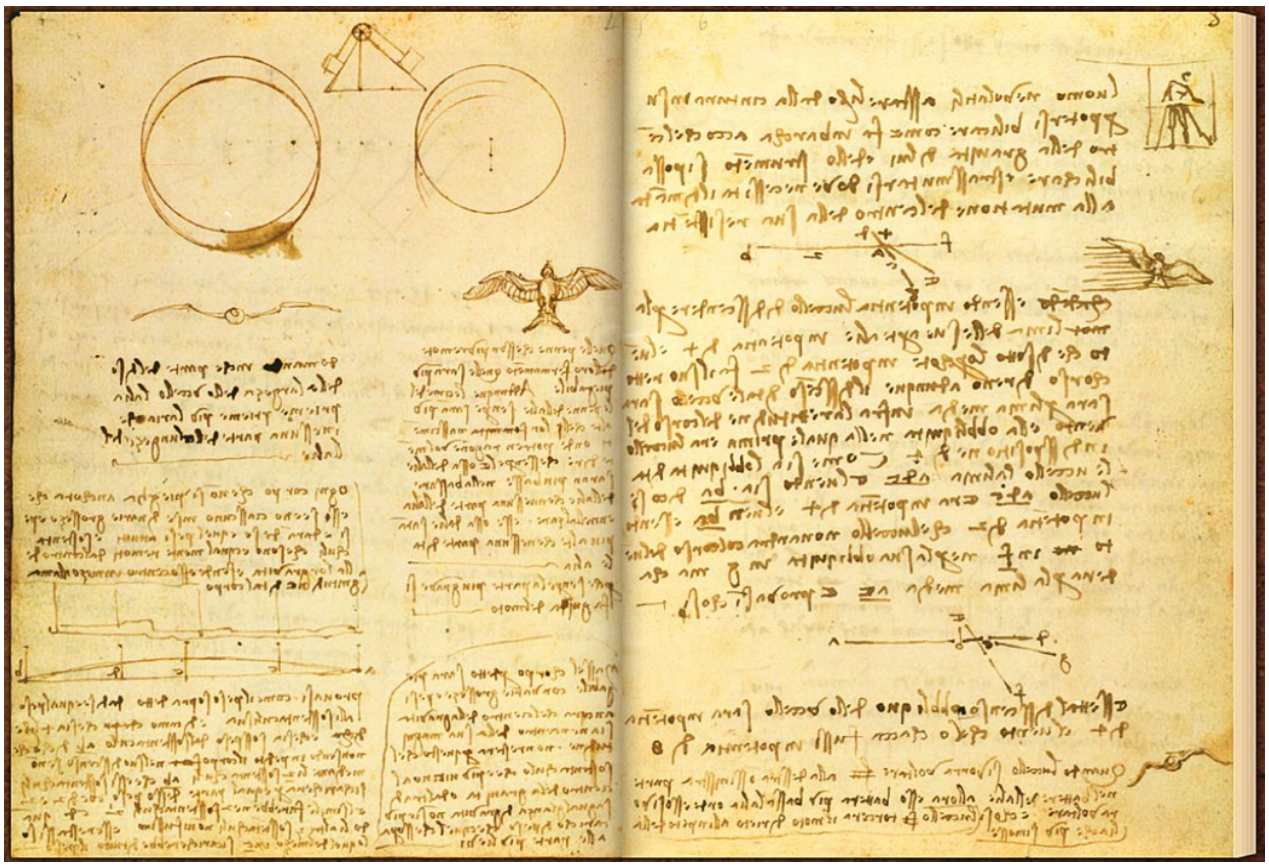
Codex Madrid
Leonardo da Vinci

Studium Lotu Ptaków i Prądów Powietrznych
Study of Birds in the Wind
Biblioteque Institute
Leonardo da Vinci



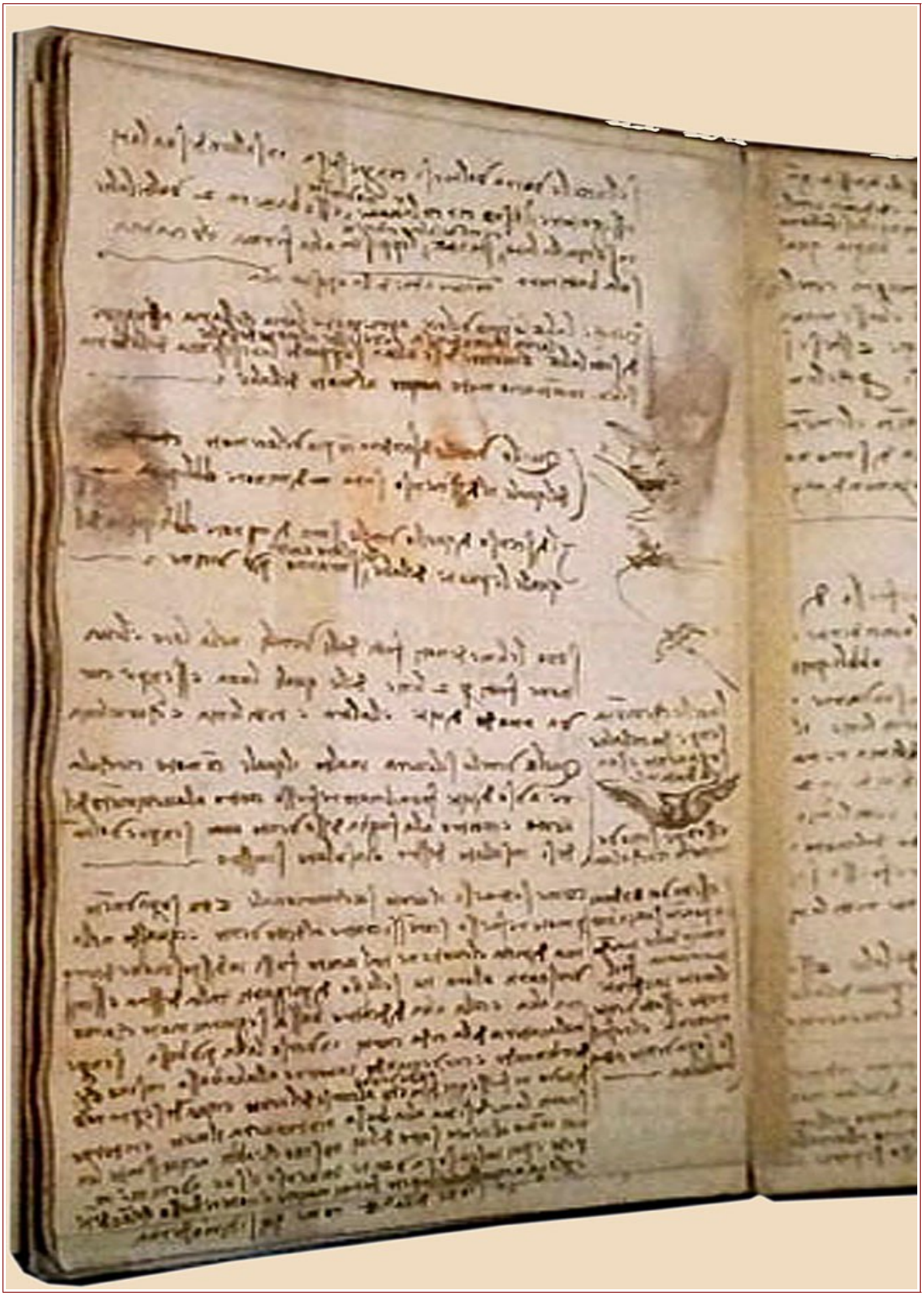
Codex Trivulziana Milan
Leonardo da Vinci

Codex Trivulziano Milan
Leonardo da Vinci

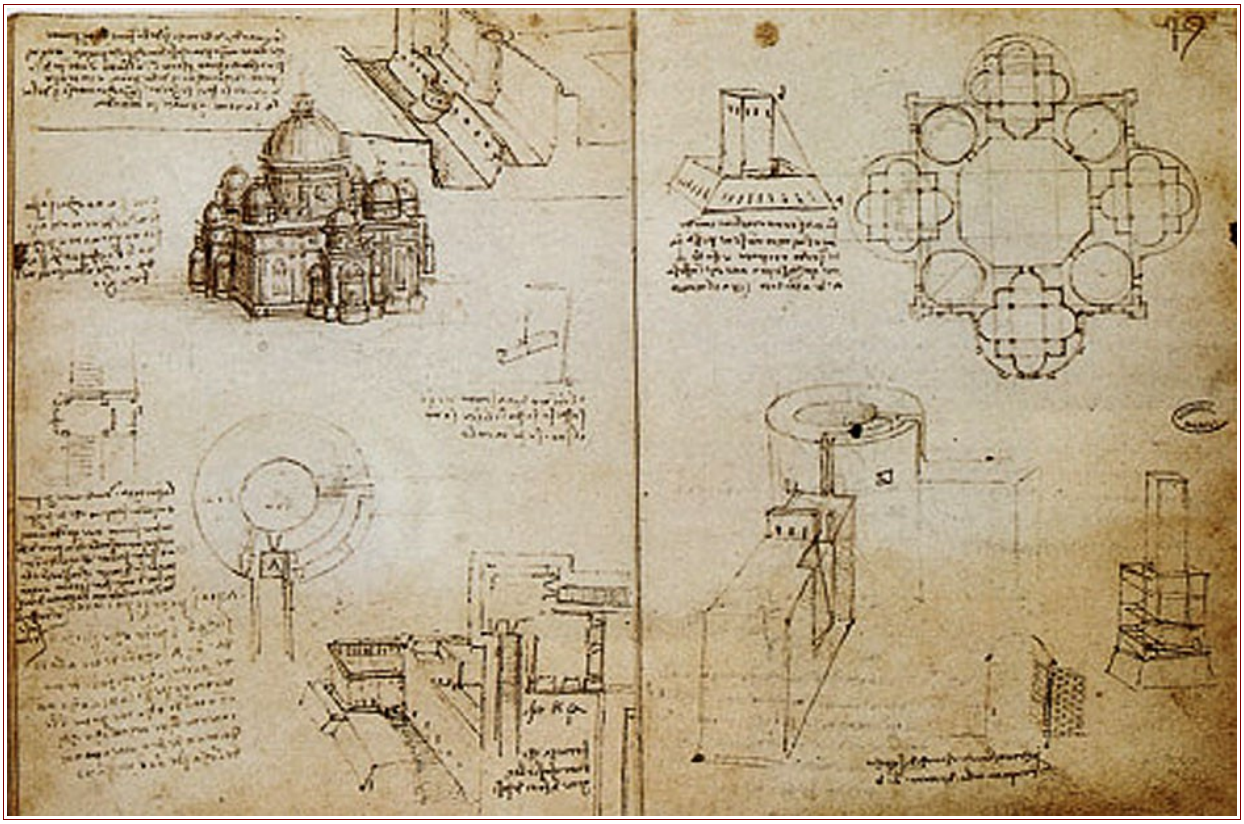


Leonardo da Vinci

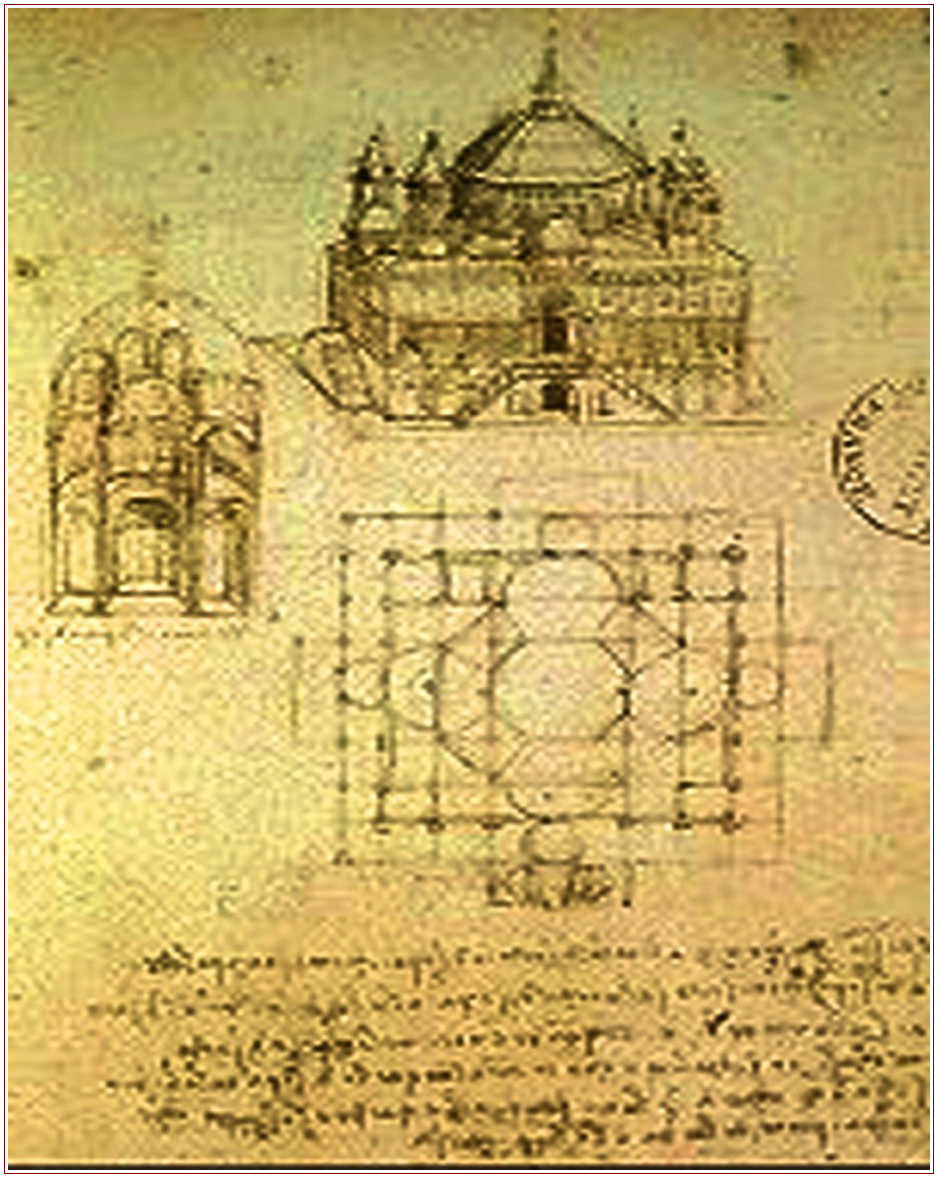
Da Vinci Codex



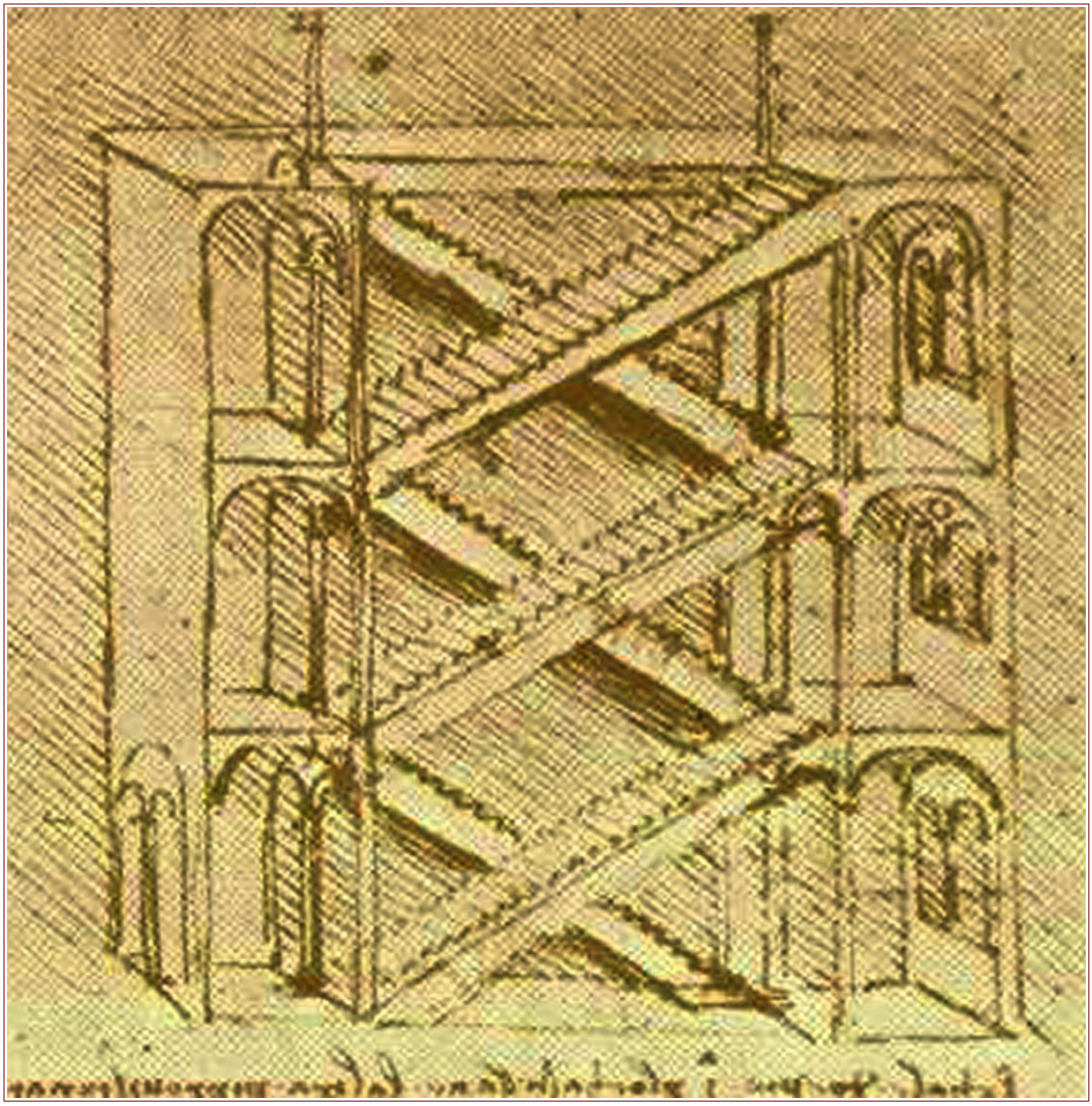
Da Vinci Codex



Leonardo da Vinci



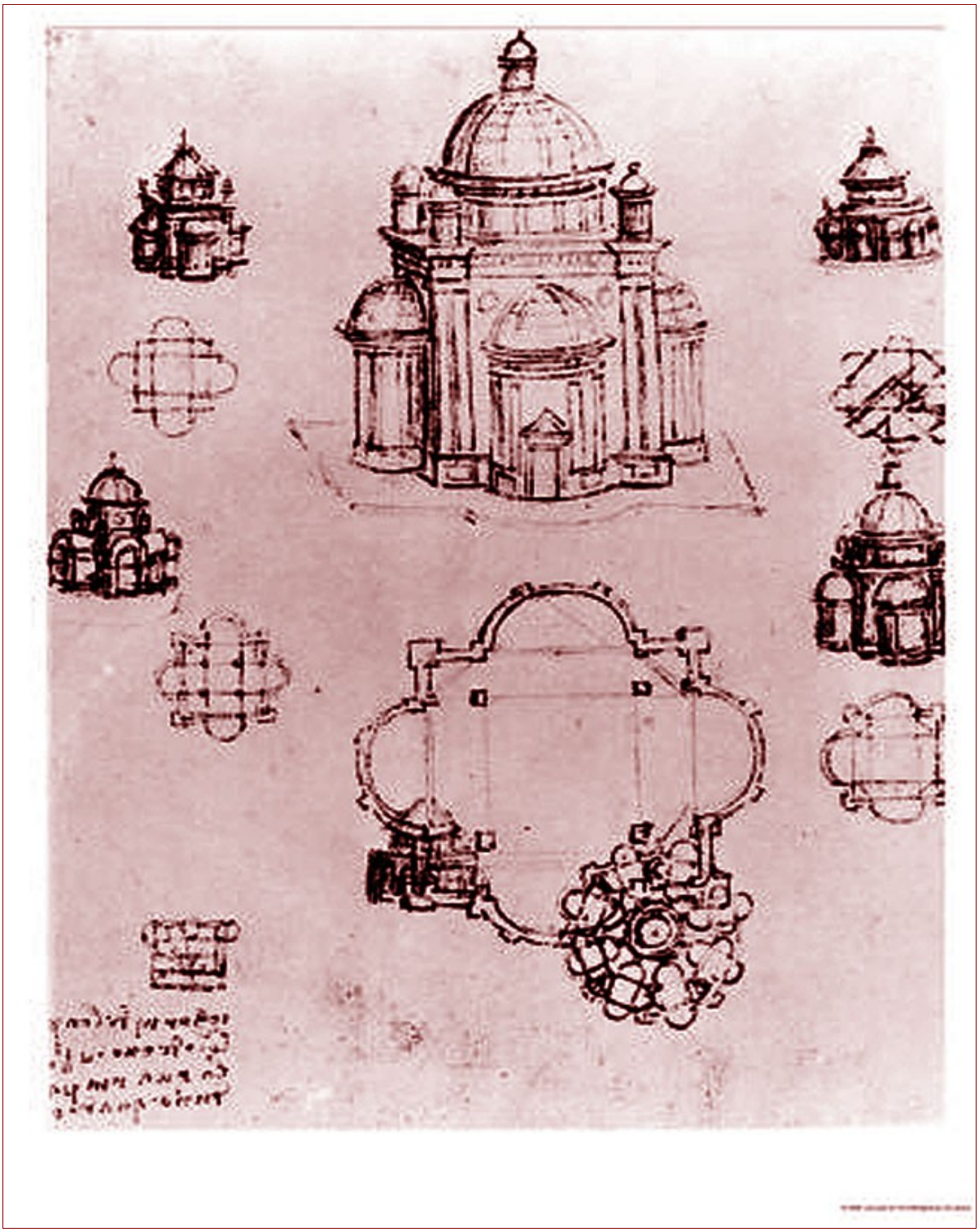
Codex Ashburnham
Leonardo da Vinci



Projekt Slynnych Podwojnych Schodow
Famous Double Staricase Design
Leonardo da Vinci

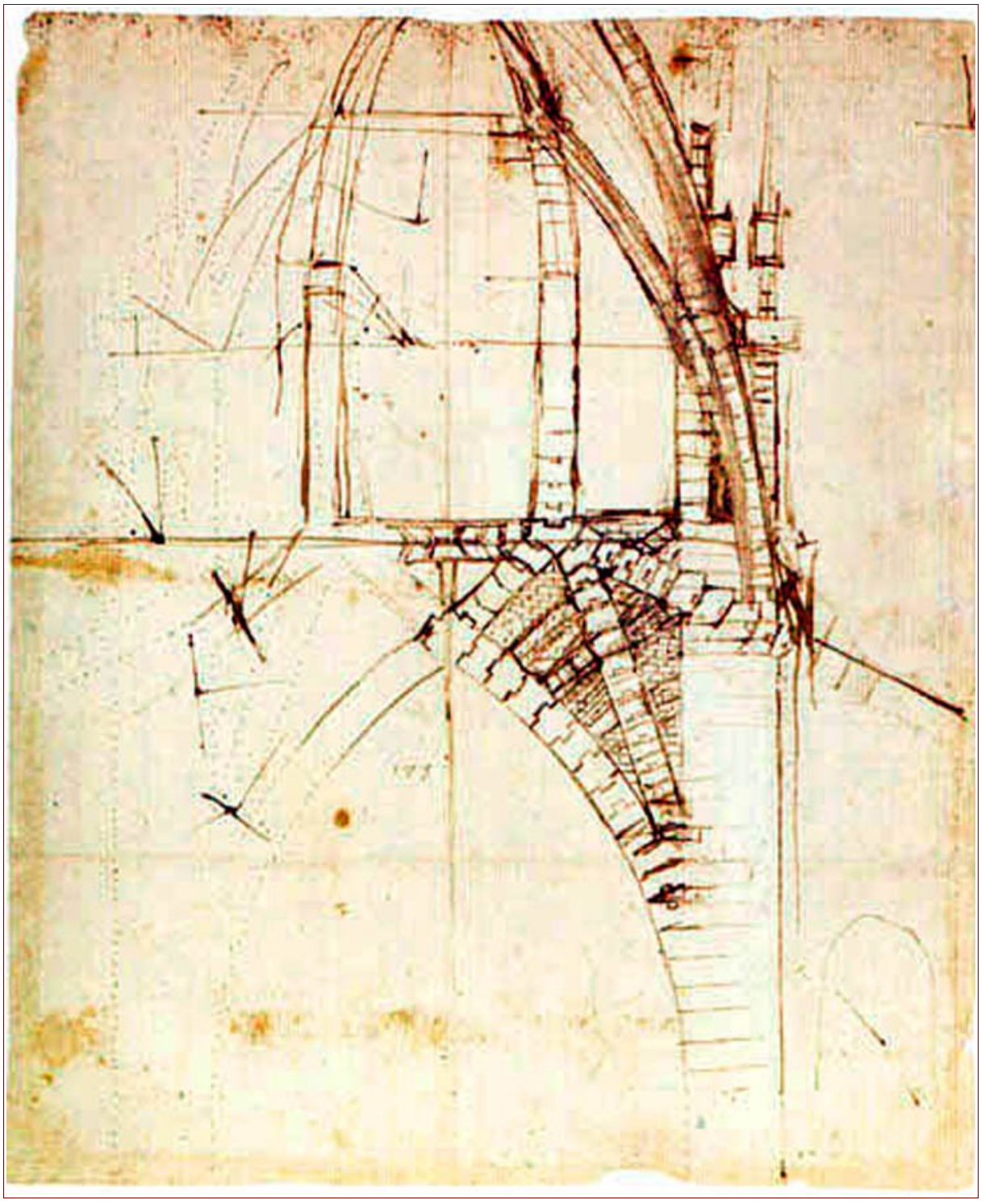
Leonardo da Vinci

Leonardo da Vinci

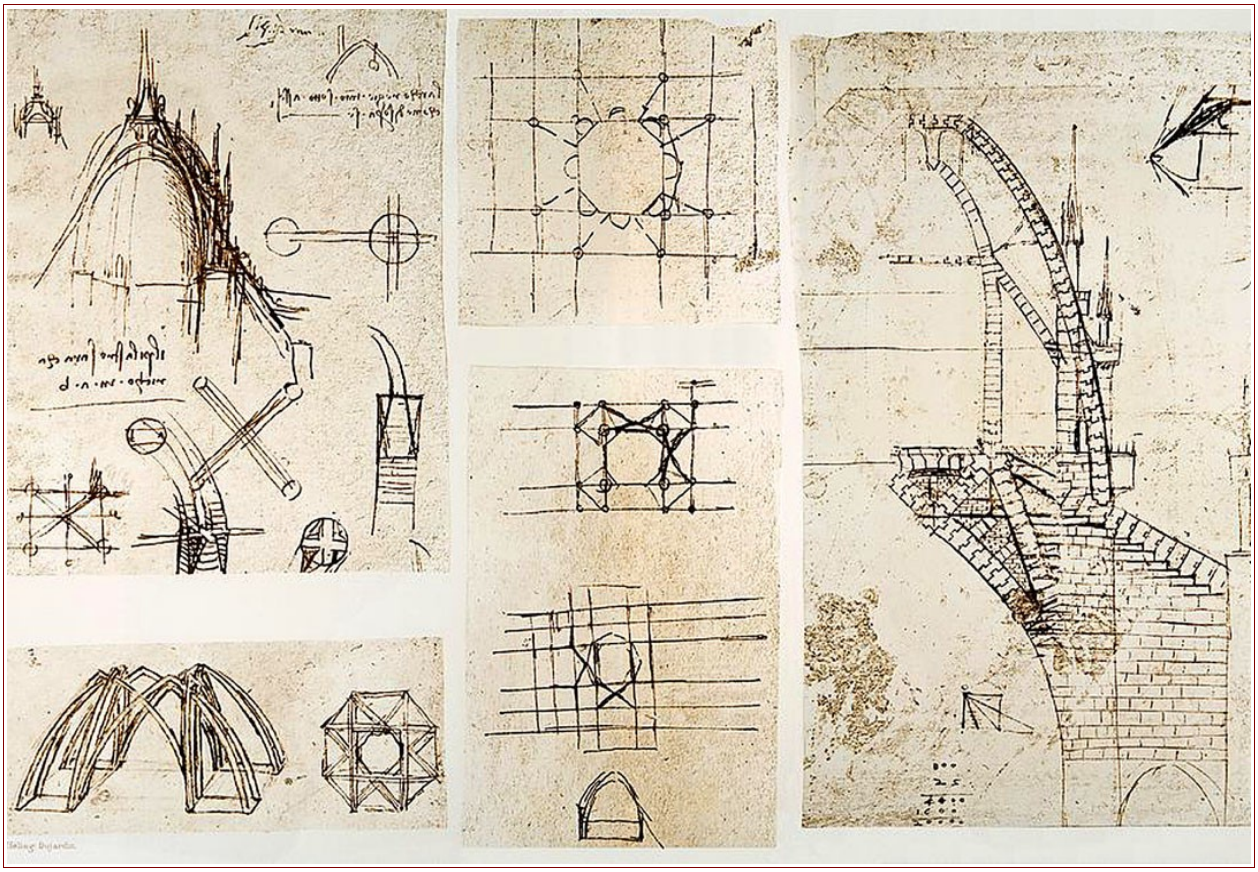


Leonardo da Vinci

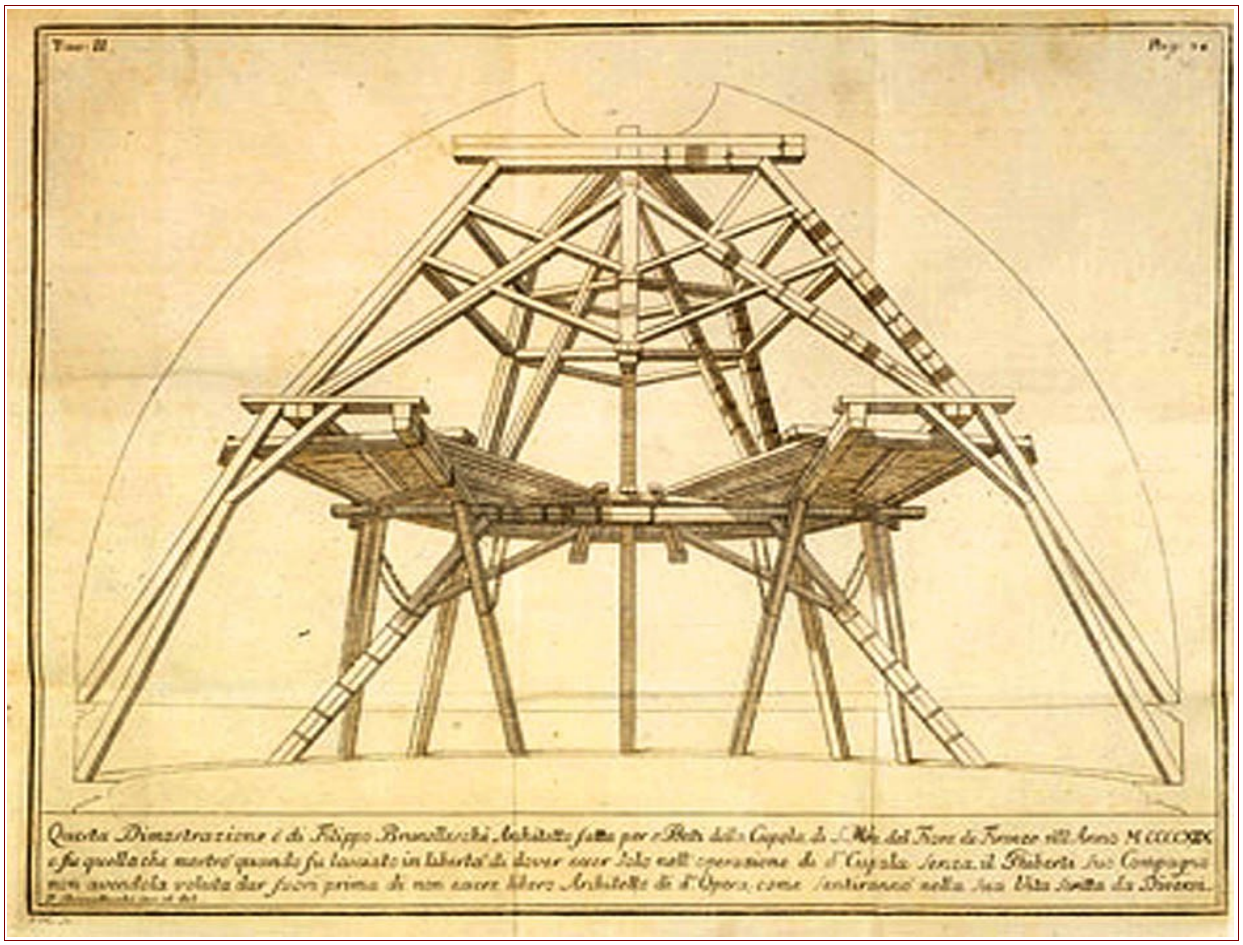
Paris Manuscript
Leonardo da Vinci



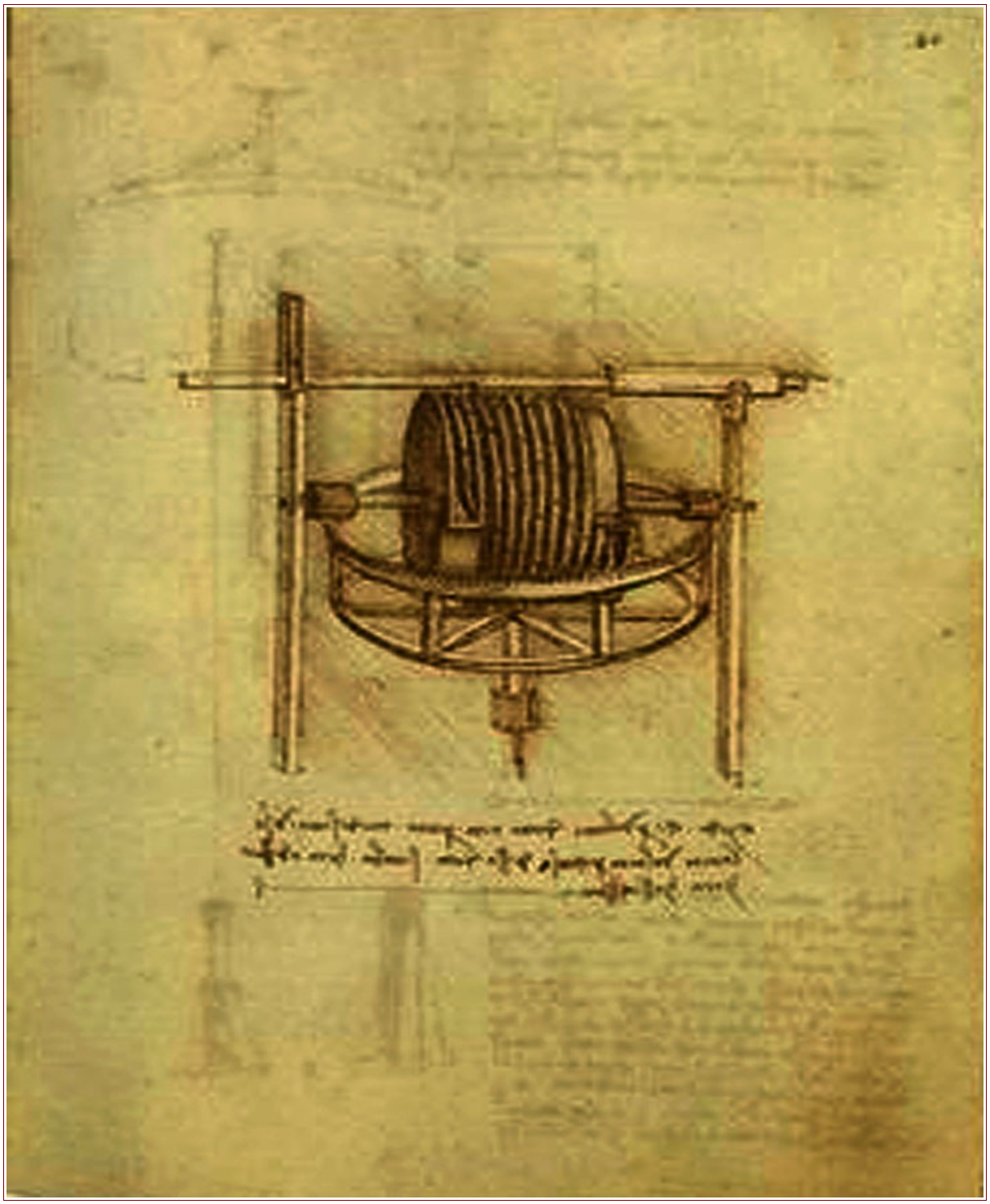
Szkic Kopuly Kosciola w Mediolanie
Milan Dome Design
Leonardo da Vinci



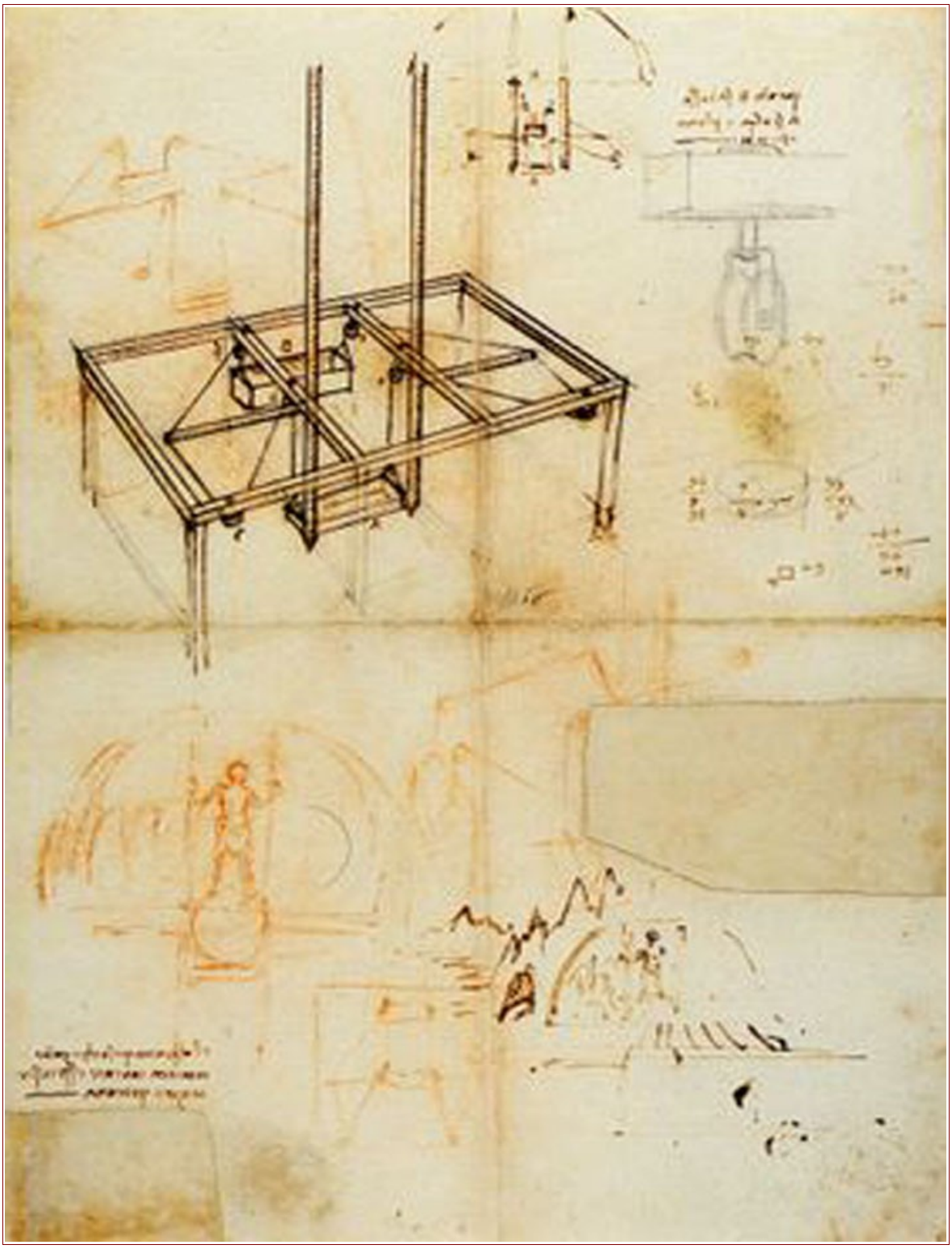
Szkice i Projekty Kopuły Kościoła w Mediolanie
Milan Dome Study
Leonardo da Vinci Codex



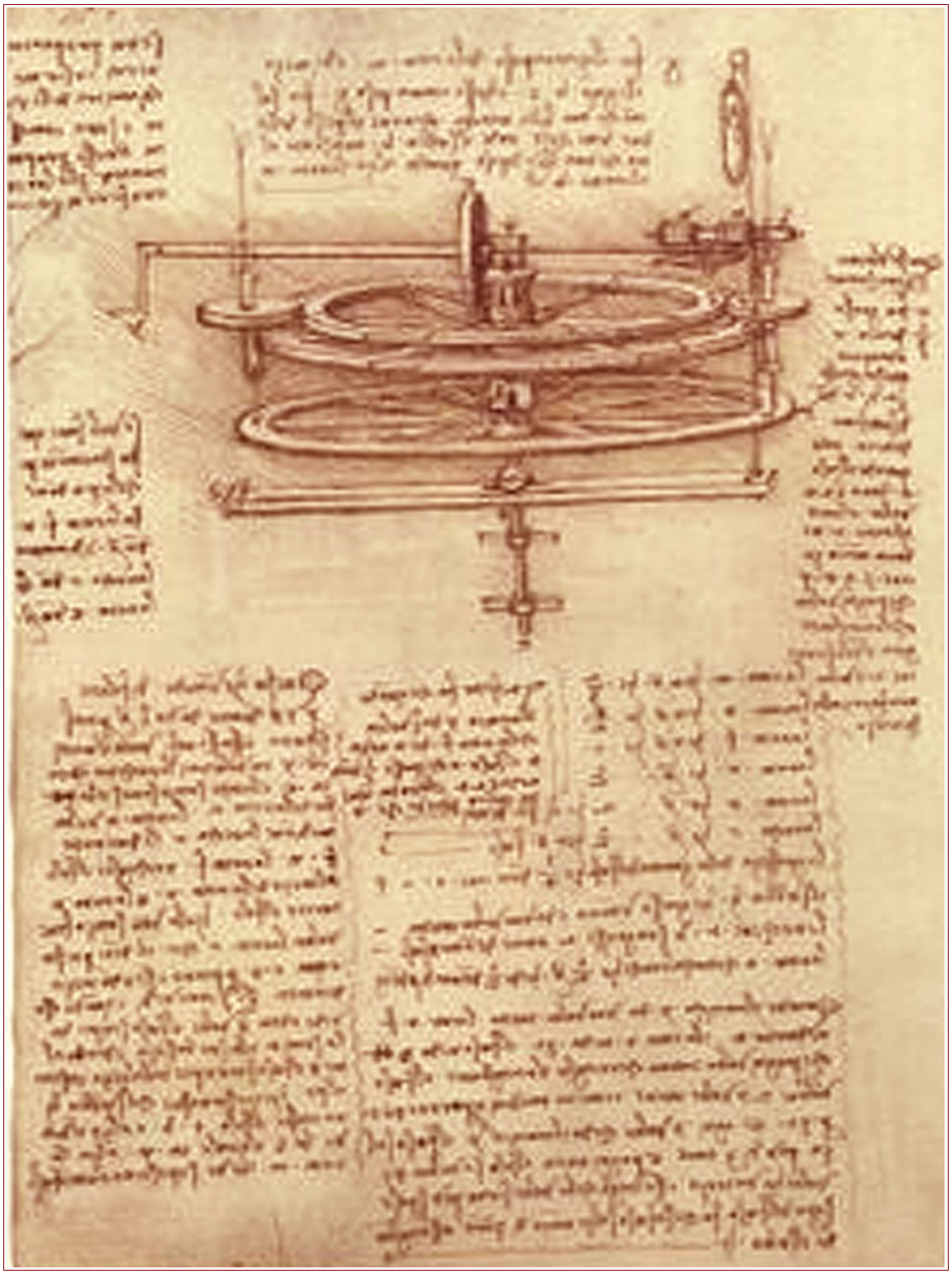
Projekt Rusztowania
Scaffold Design
Leonardo da Vinci (?)



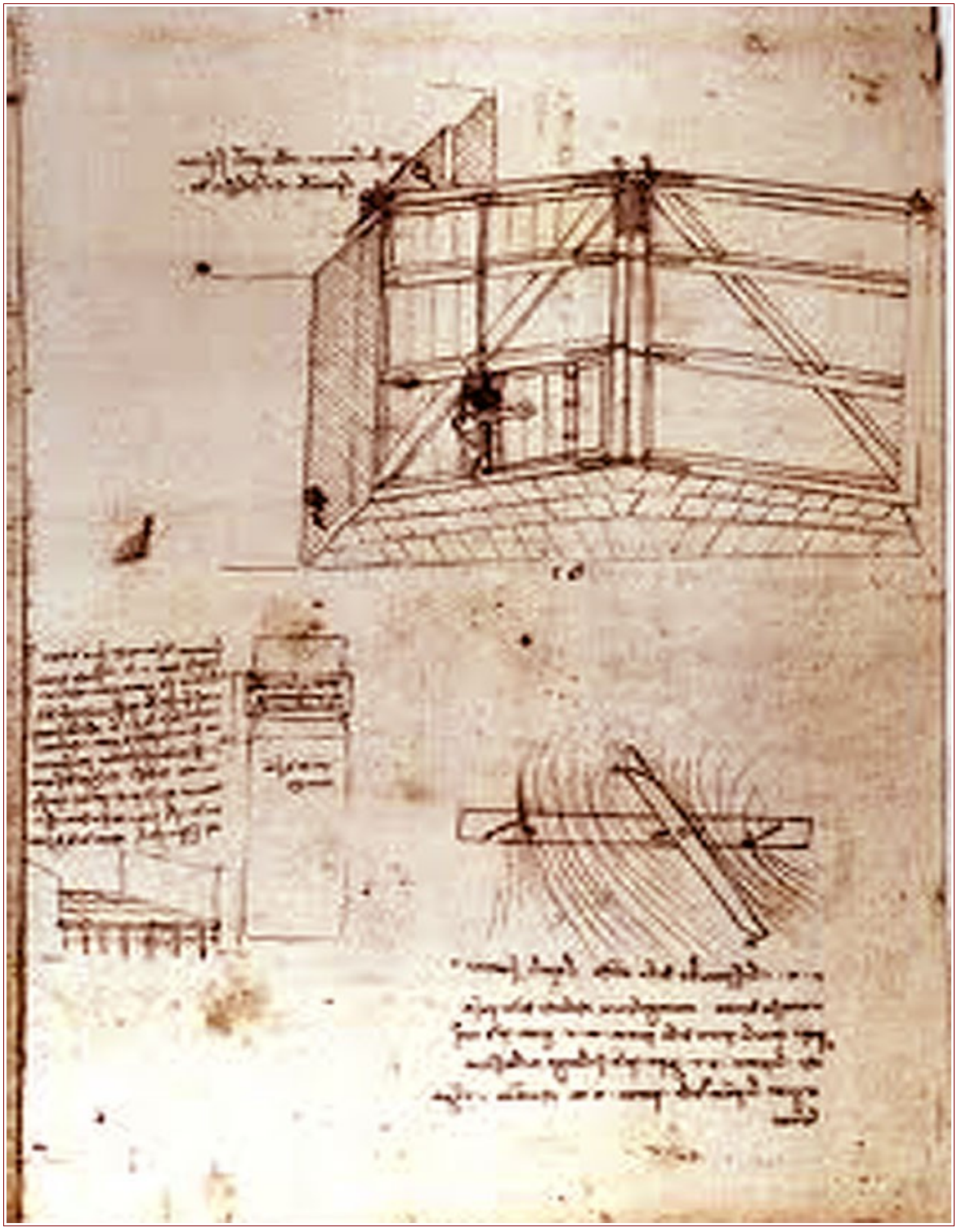
Leonardo da Vinci



Leonardo da Vinci

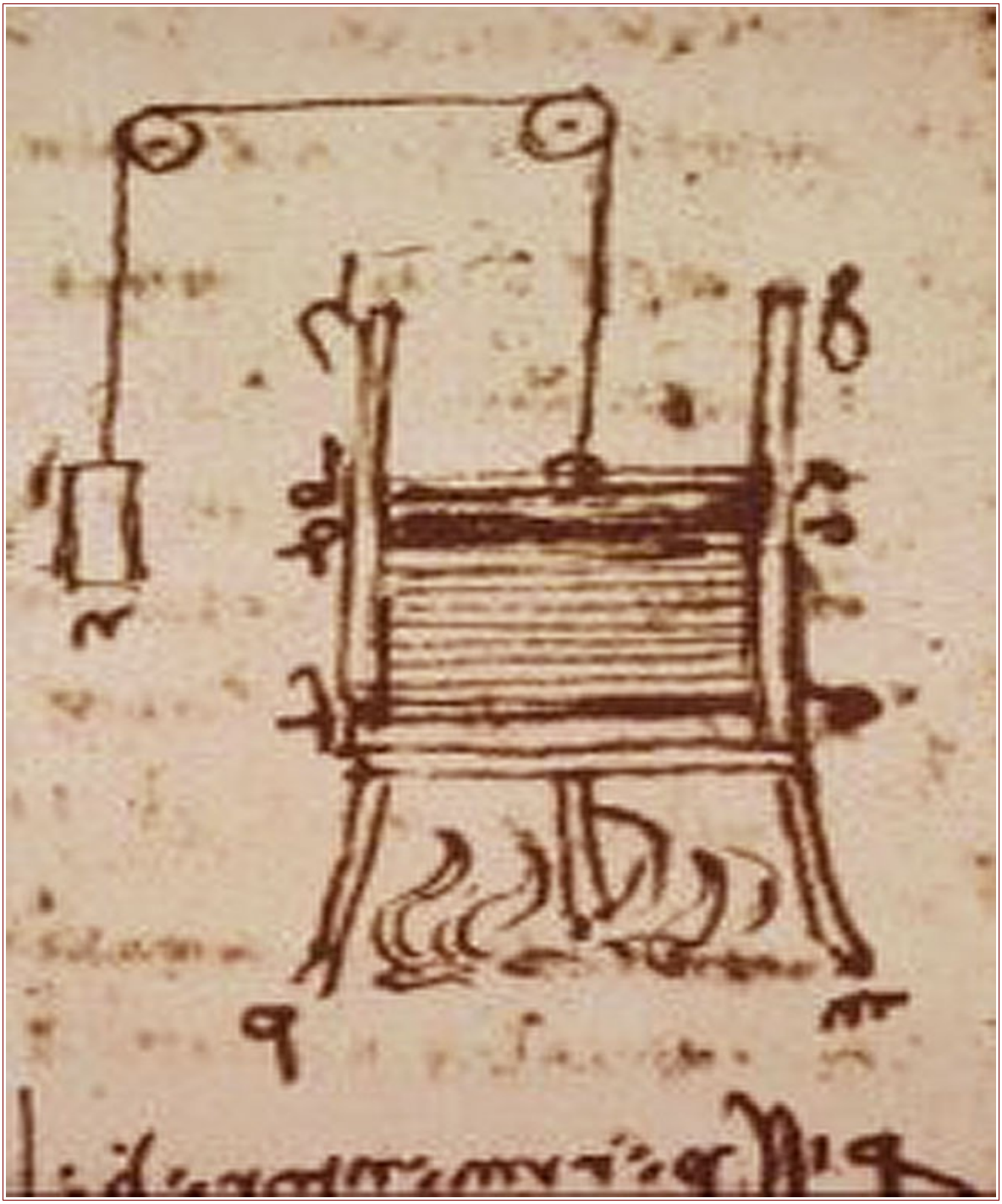


Da Vinci Codex

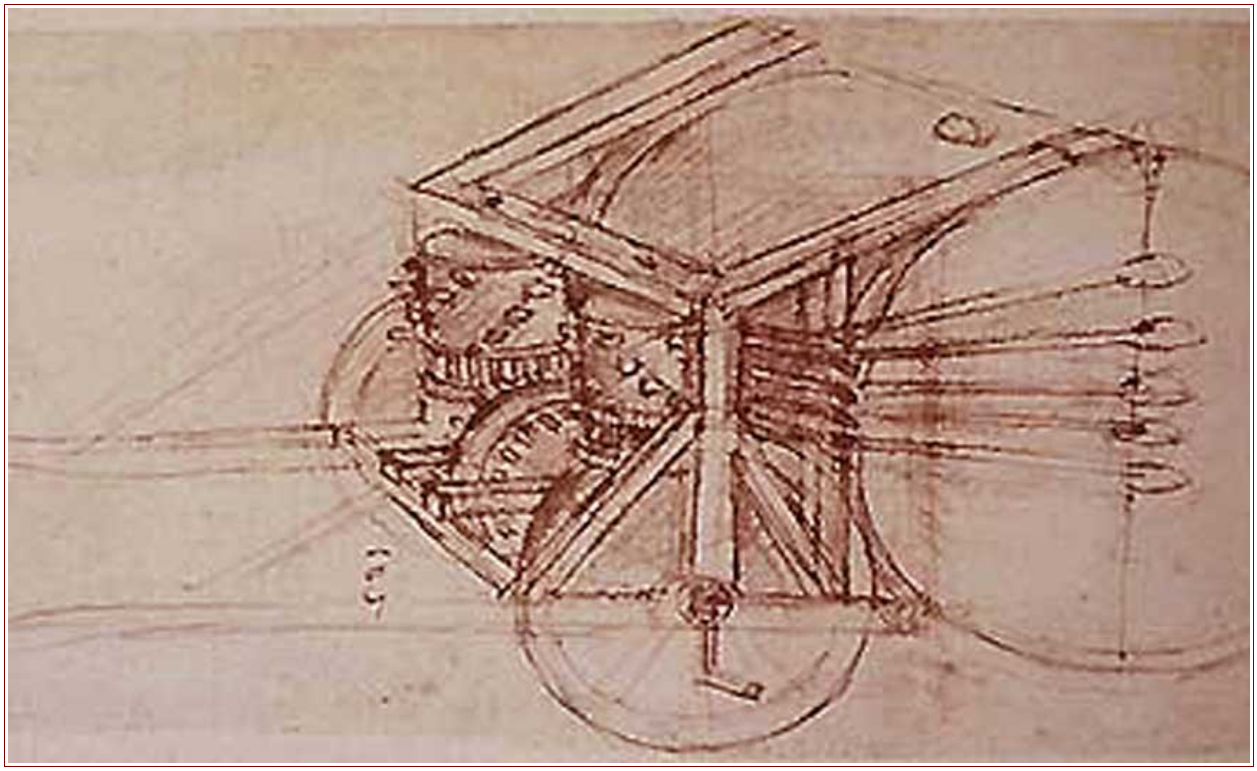


Leonardo da Vinci

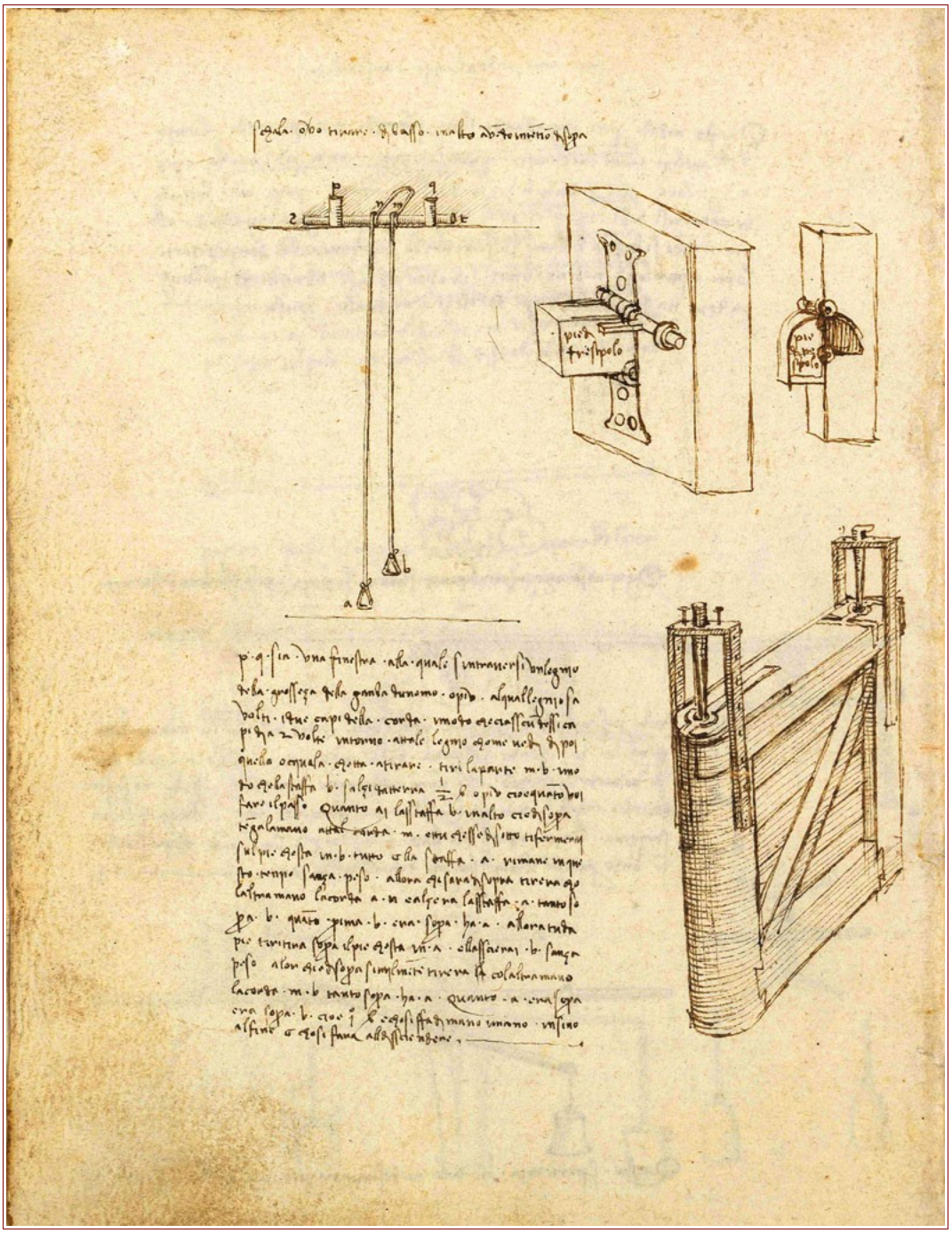
Codex Forster
Leonardo da Vinci



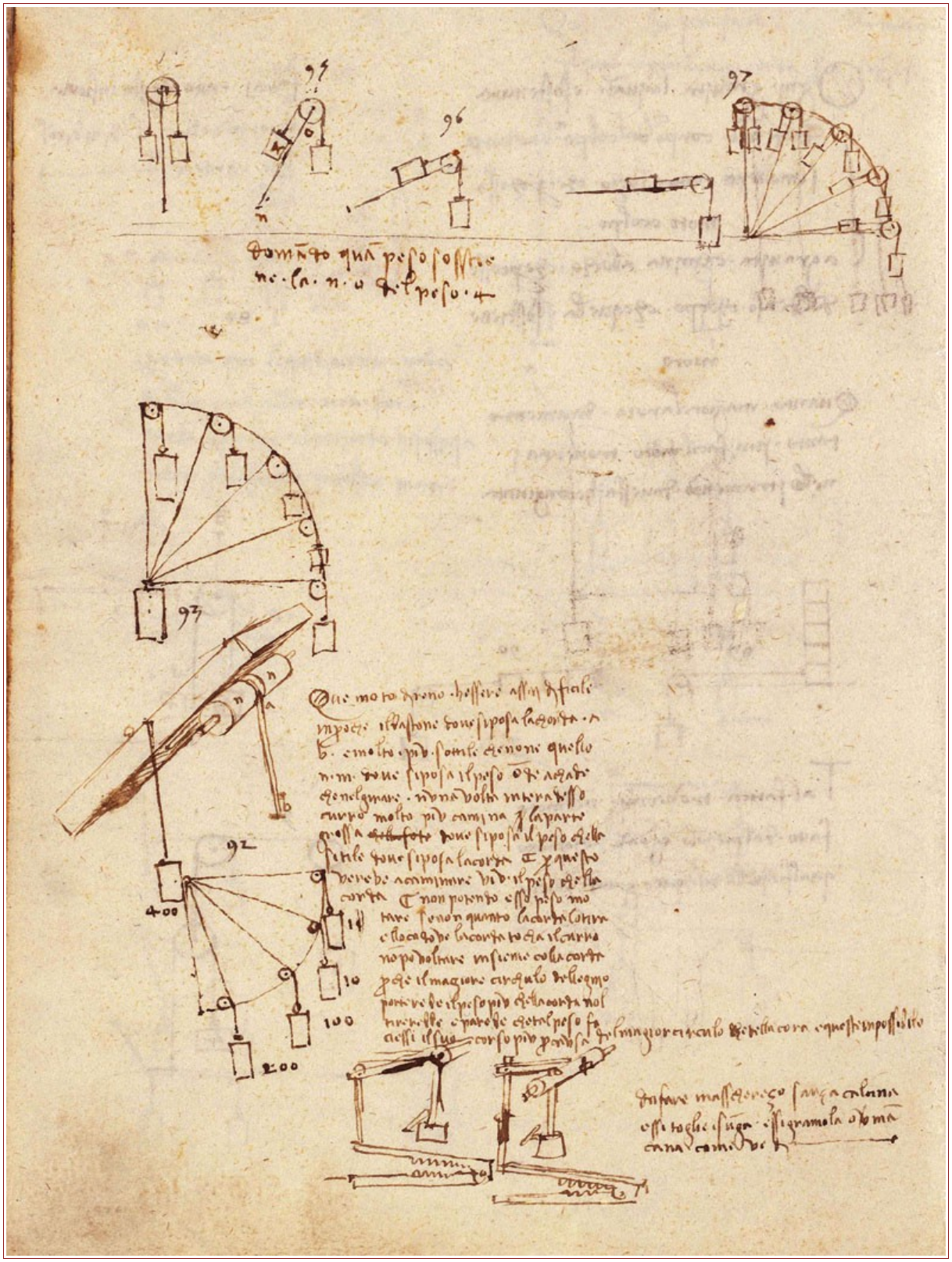
Codex Leicaster
Leonardo da Vinci



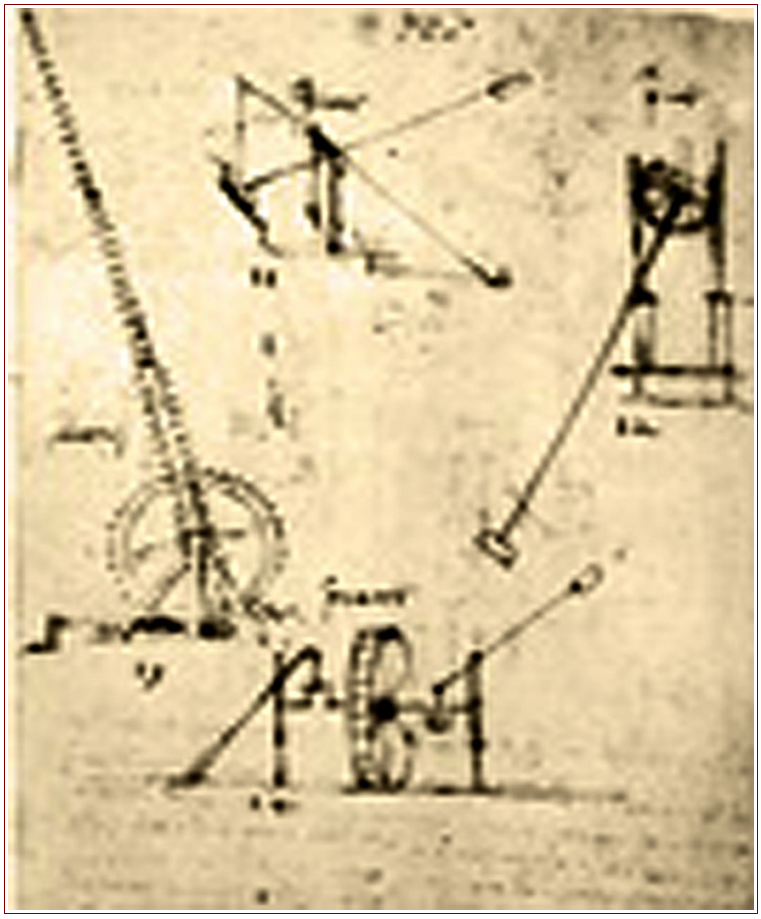
Instrument Muzyczny Beben (Pozytywka)
Musical Instrumant a Drum
Leonardo da Vinci



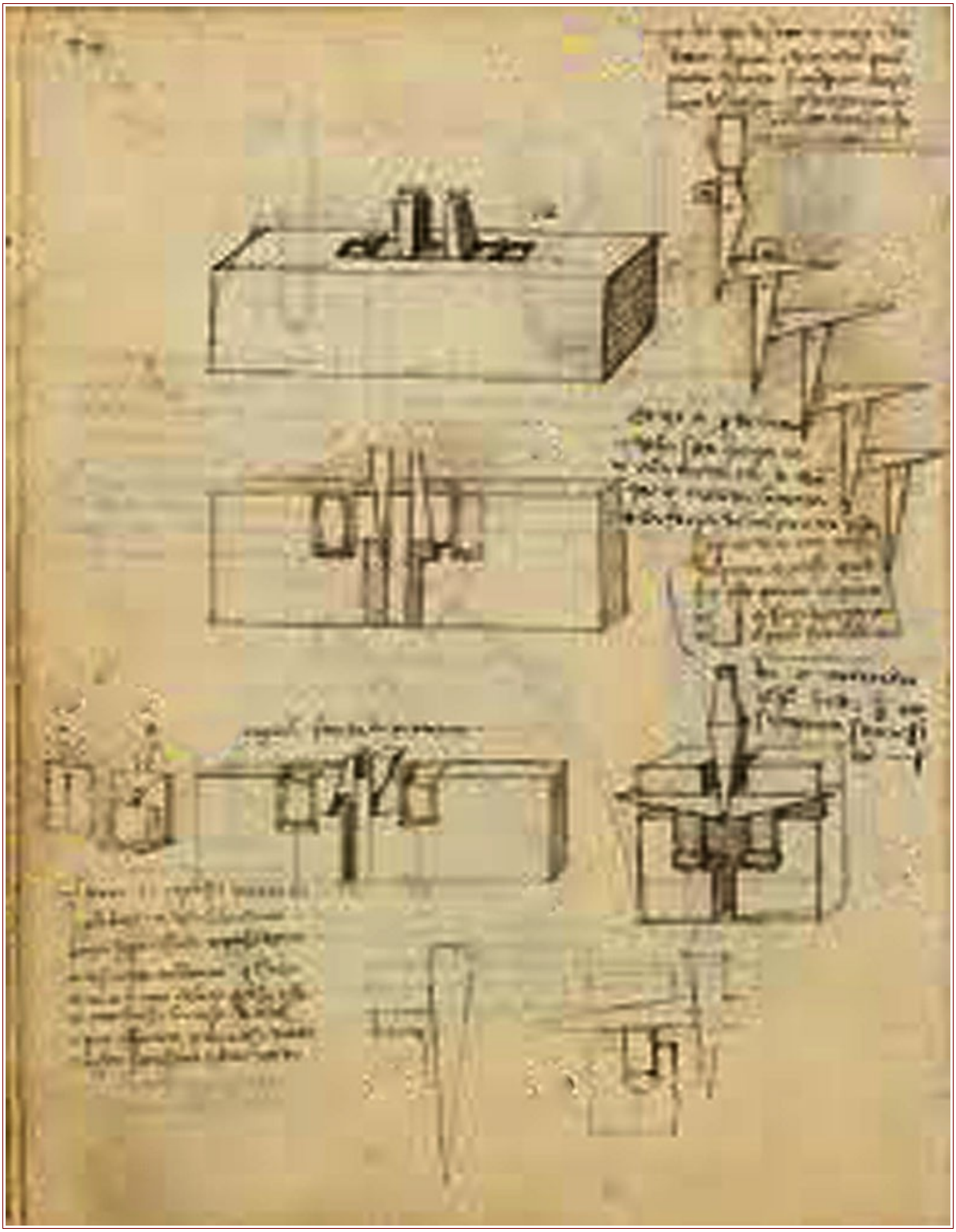
Da Vinci Codex



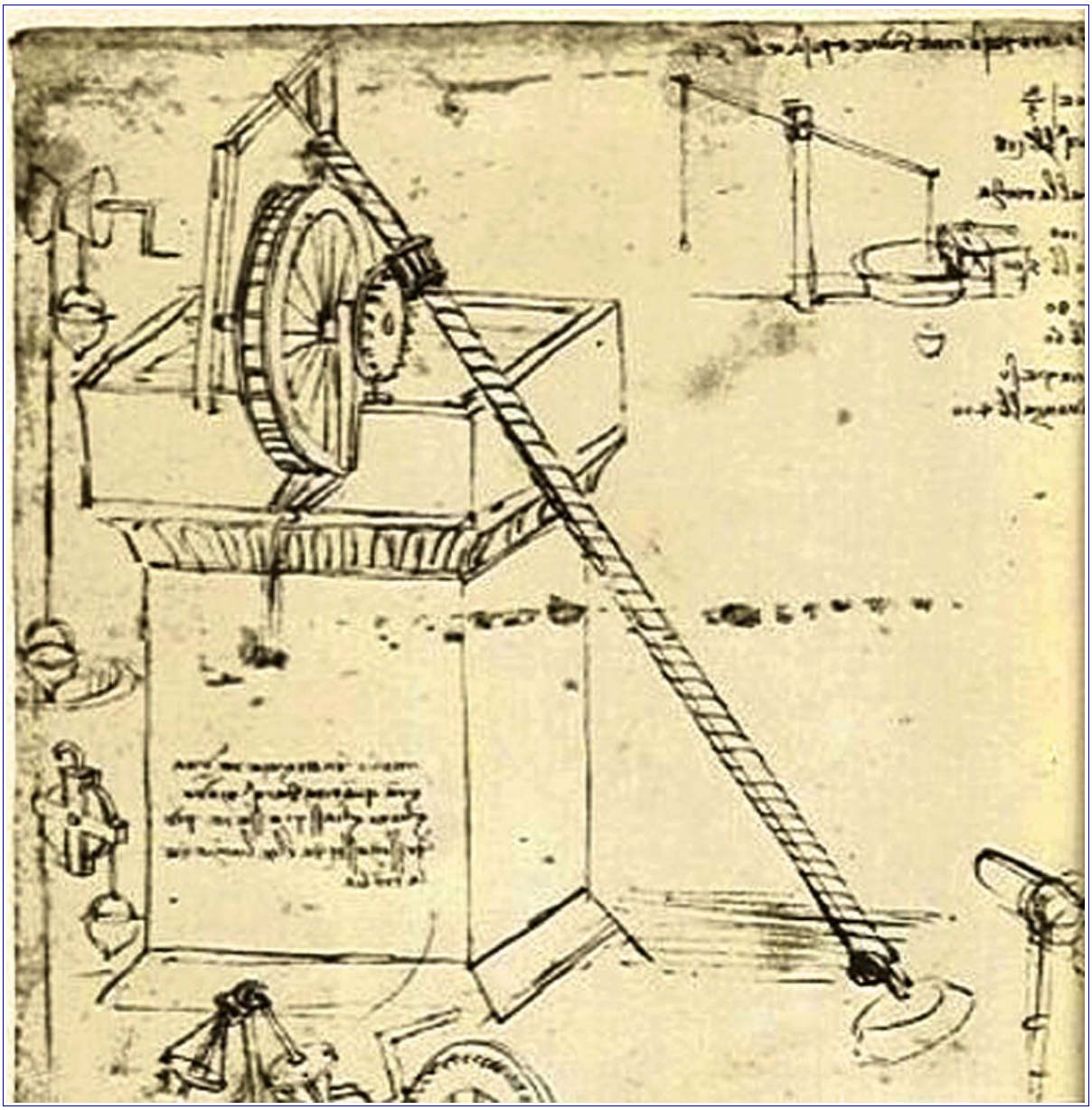
Da Vinci Codex



Codex Forster
Lleonardo da Vinci

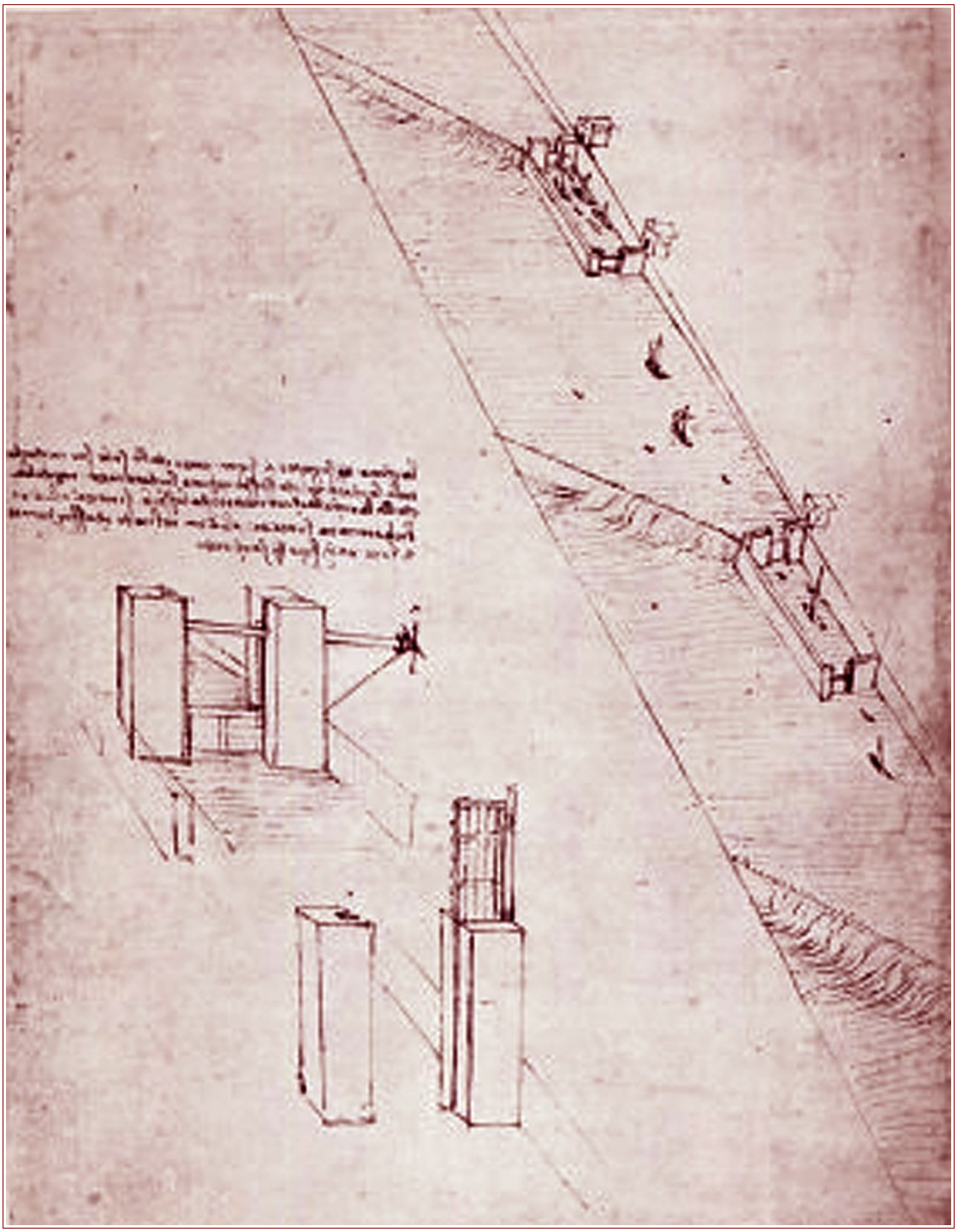


Da Vinci Codex



Urzadzenia do Transportu Wody
Water Supply Machines
Leonardo da Vinci

Da Vinci Codex

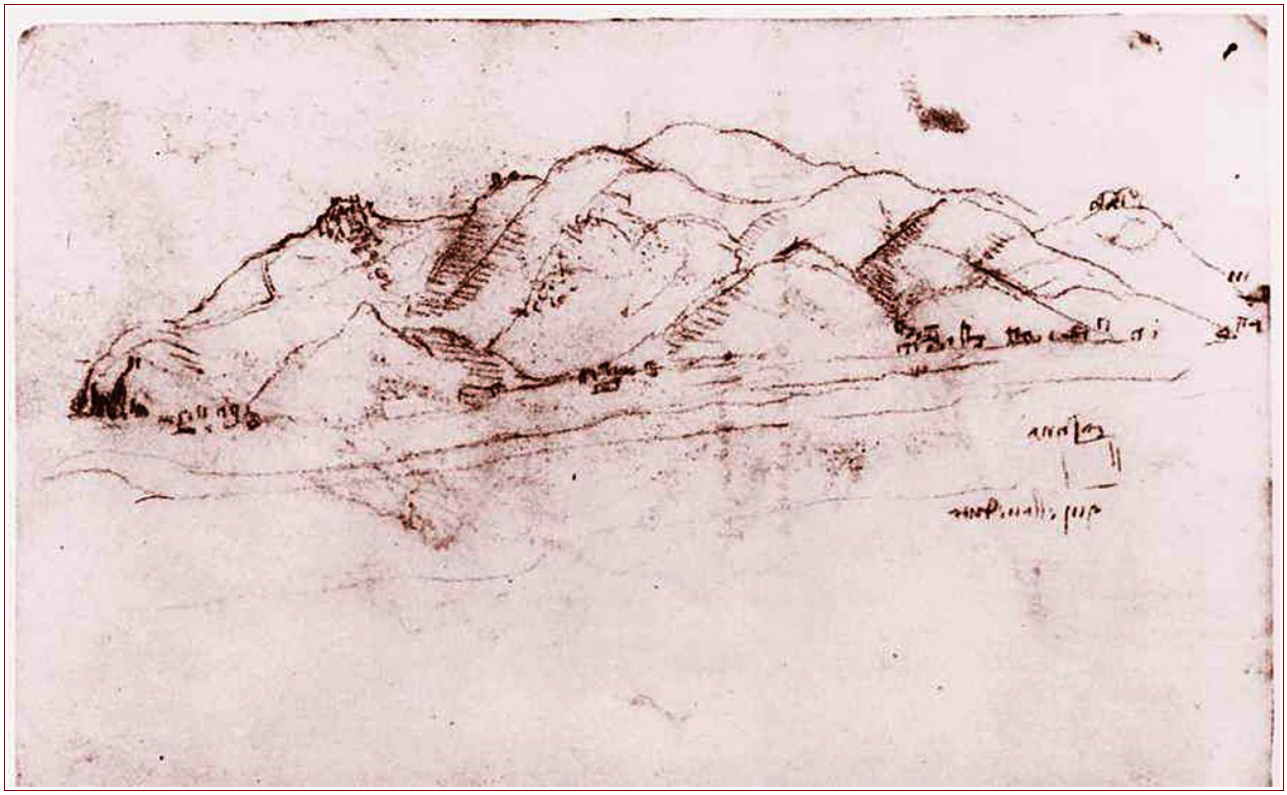


System Zapor i Kanalow
Water Canalisation Systems
Codex Atlanticus 1478-1519
Leonardo da Vinci

Codex Leicaster
Leonardo da Vinci

Codex Atlanticus 1508-1512
Leonardo da Vinci

Leonardo da Vinci

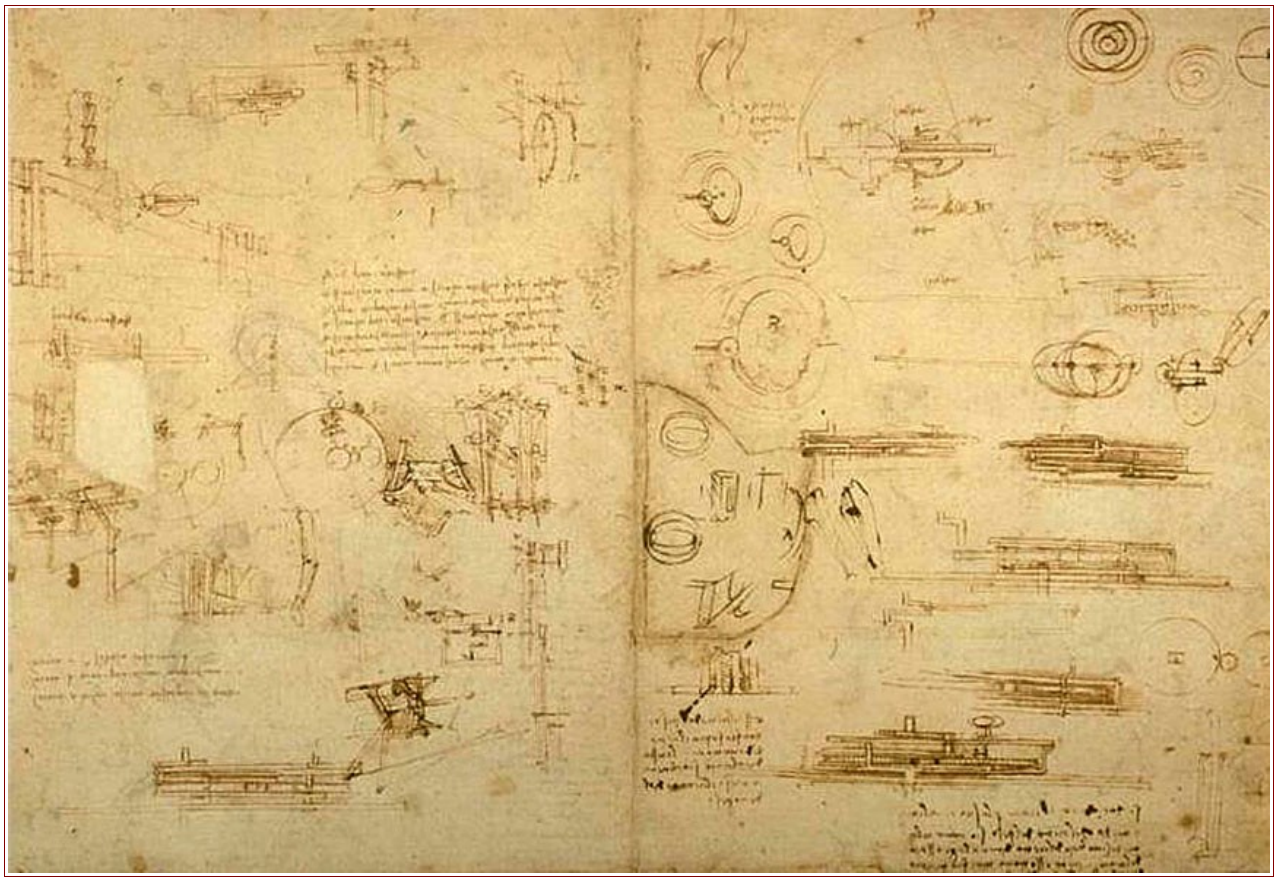


Leonardo da Vinci

Leonardo da Vinci

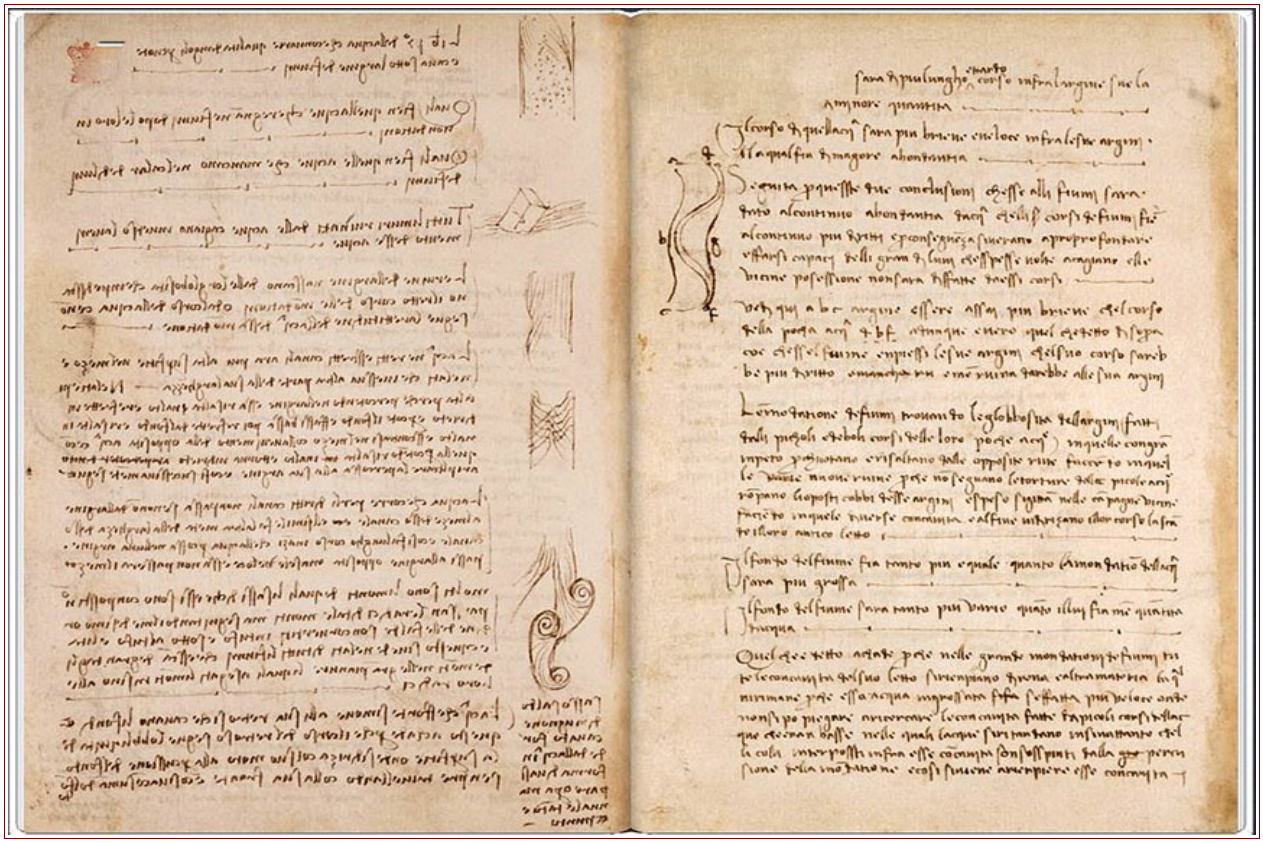
Studium Latu Ptaków
Birds in Flights Study
Leonardo da Vinci

Leonardo da Vinci

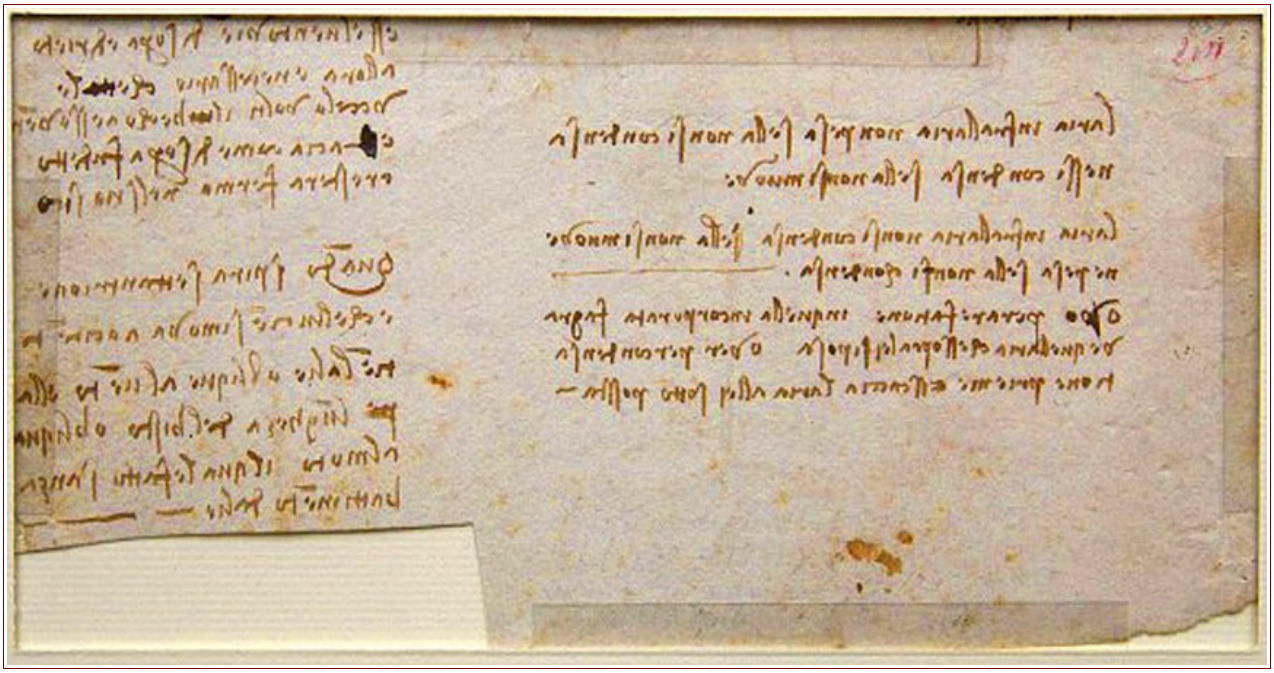


Leonardo da Vinci

List (CV) Leonarda do Księcia Mediolanu
Leonardo's Resume to the Duke of Milan
Leonardo da Vinci



Codex Arundel
The British Library
Leonardo da Vinci

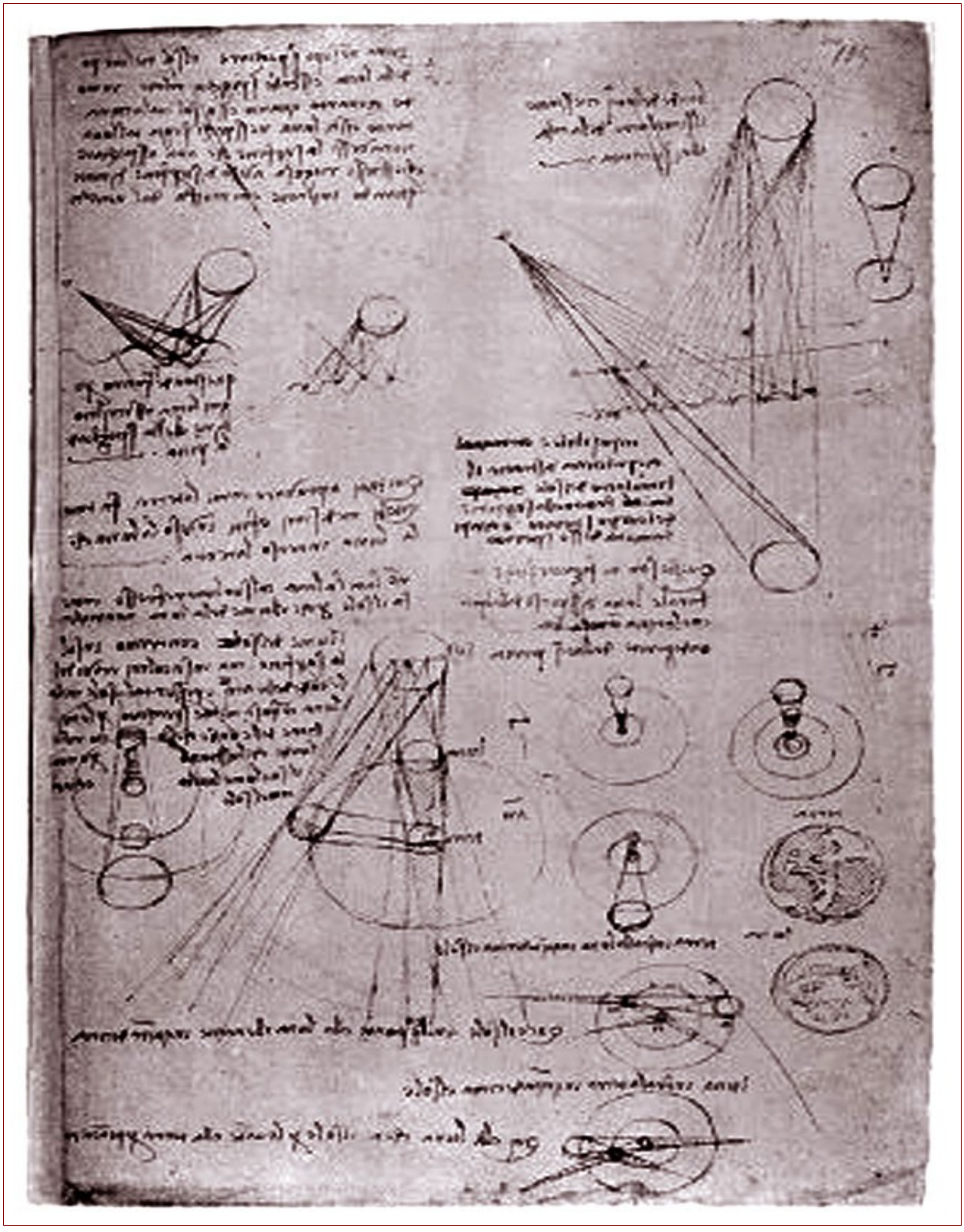


Leonardo da Vinci

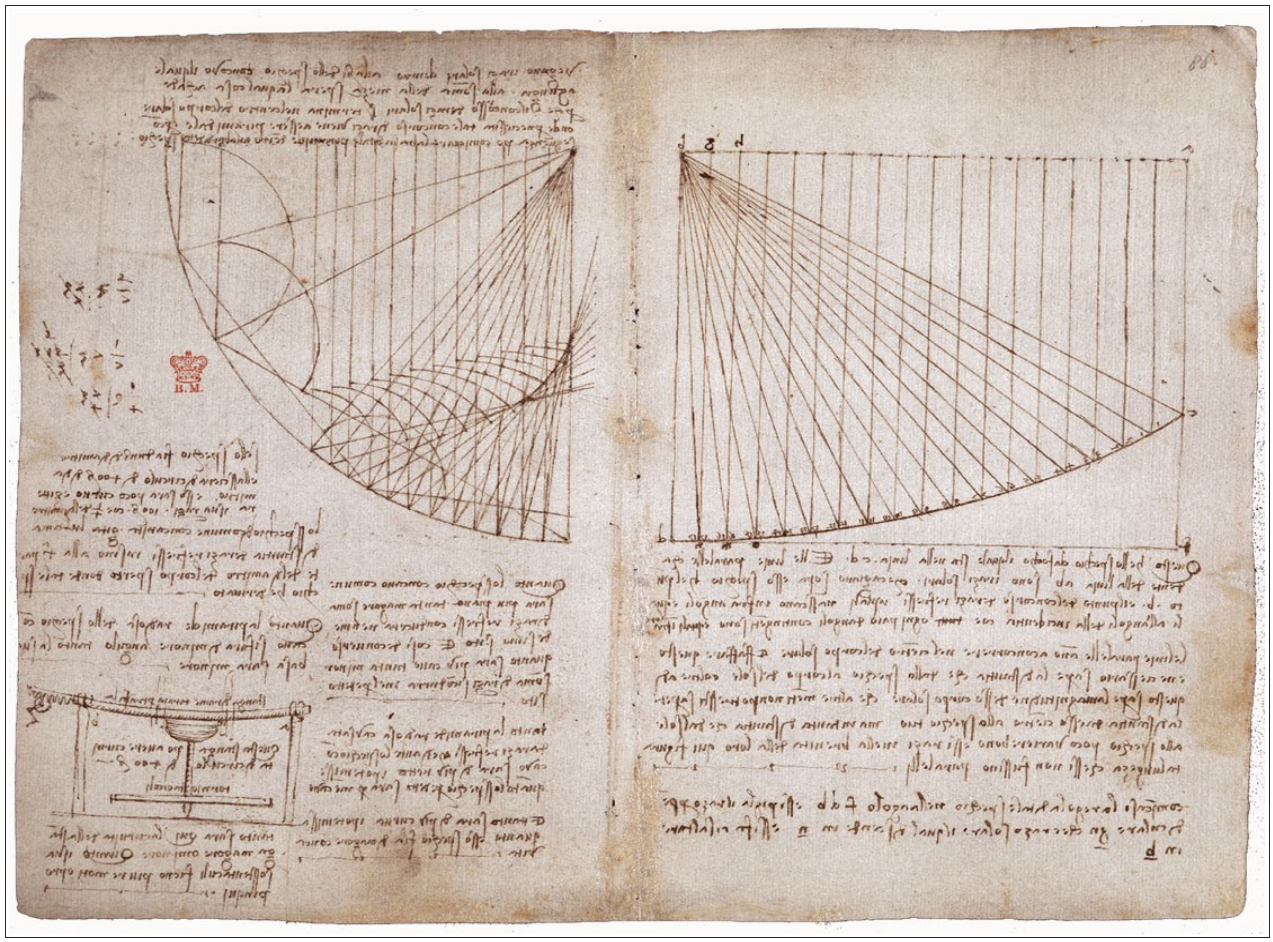
Codex Forster
Leonardo da Vinci

Leonardo da Vinci (?)

Leonardo da Vinci (?)

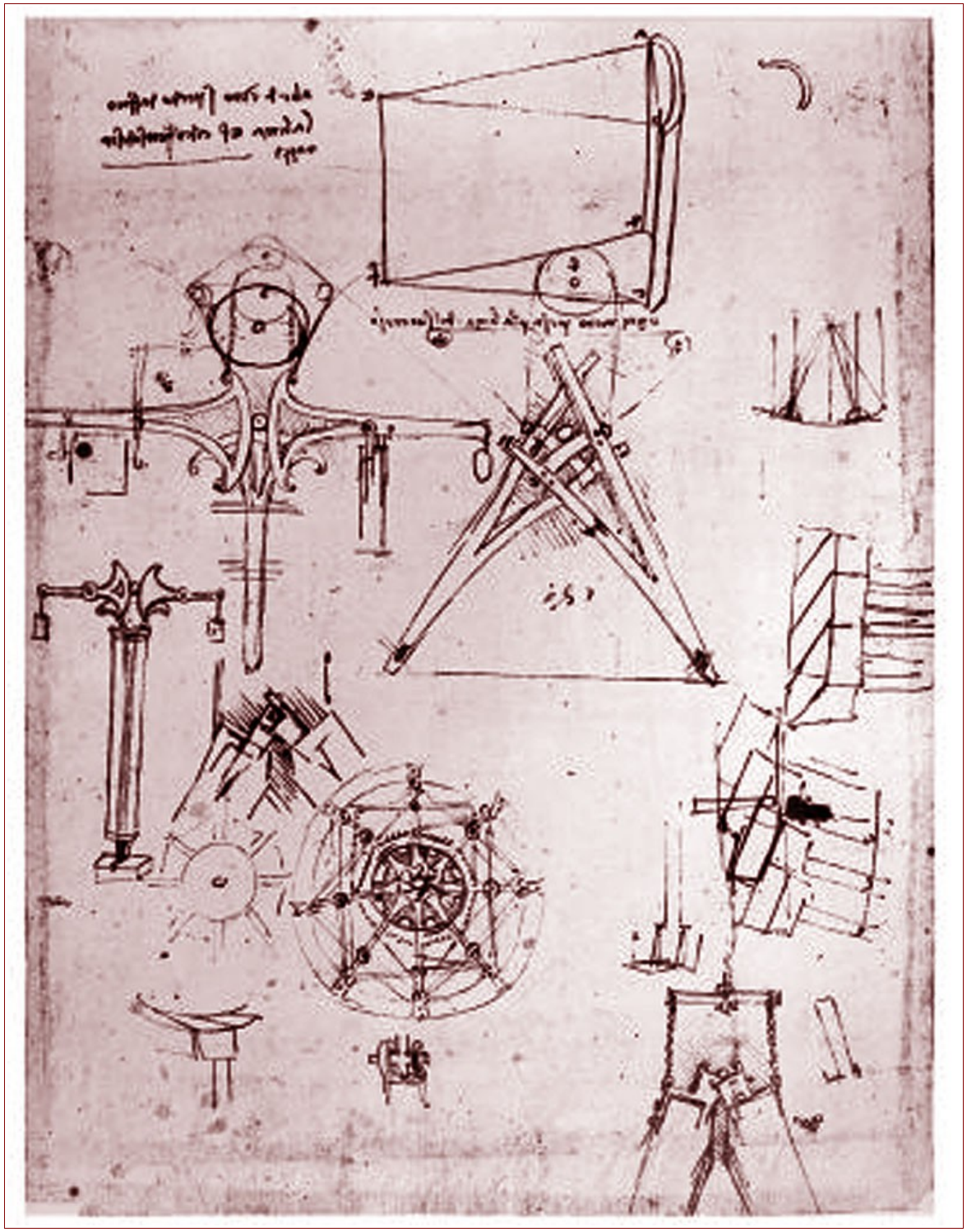


Studium Astronomiczne
Astronomical Stodies
Codex Leicaster
Leonardo da Vinci



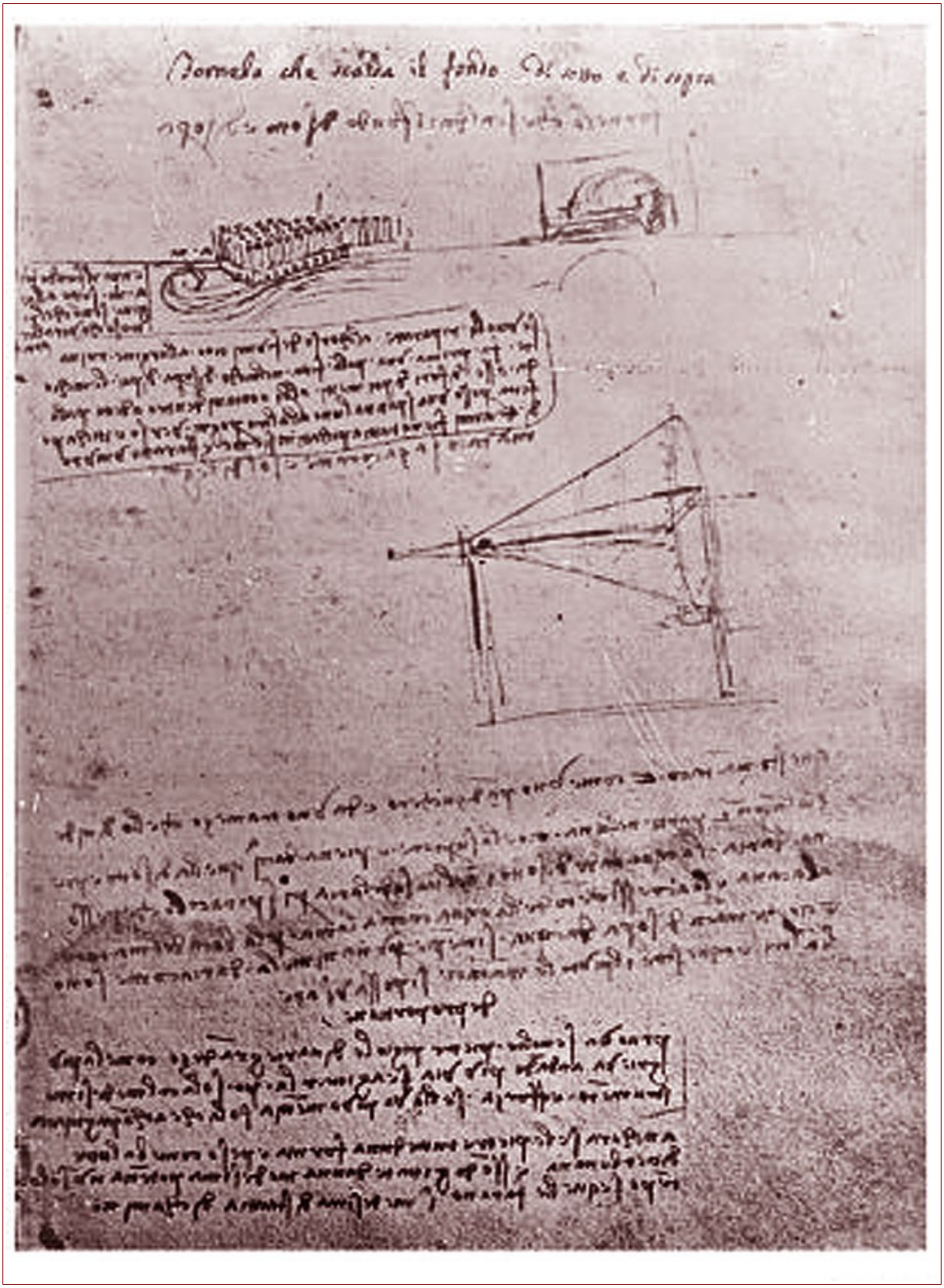
Codex Arundel
Leonardo da Vinci

Bitwa Pomiędzy Jeźdźcem i Smokiem
Battle between Dragon and the Rider

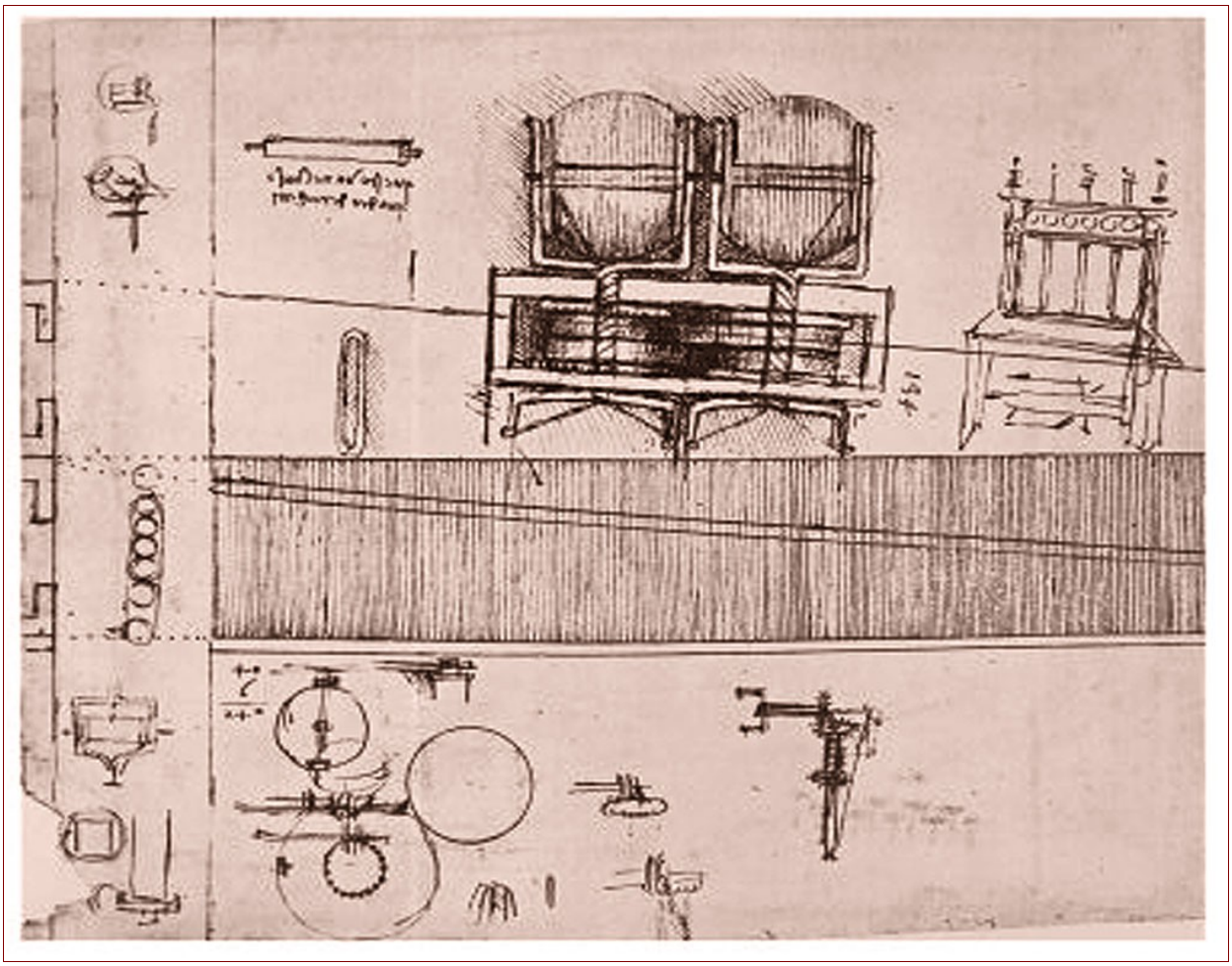


Codex Atlanticus
Leonardo da Vinci

Codex Atkanticus
Leonardo da Vinci



Codex Atlanticus
Leonardo da Vinci



Codex Atlanticus
Leonardo da Vinci

Studium Przepływu Wody
Water Flow Studium
Codex Leicaster
Leonardo da Vinci